ONTARIO MOTOR VEHICLE ACCIDENT FACTS 1982

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Motor Vehicle Accident Facts — 1982

Ministry of
Transportation and
Communications

Safety & Regulation
Transportation Regulation
Development Branch
Safety Co-ordination
& Development Office

Hon. James Snow, Minister
Harold Gilbert, Deputy Minister

James Snow

Minister's Message

This year I take particular pleasure in releasing Motor Vehicle Accident Facts for 1982. Primarily because road deaths have decreased from 1,445 in 1981 to 1,138 in 1982. A decrease of 307 deaths - or a 21.2 per cent decline.

Add to that a 7.5 per cent decrease in injuries in 1982. A total of 7,506 fewer people were injured in motor vehicle accidents on Ontario roads. That's a drop from over 100,000 injured persons in 1981 to less than 93,000 in 1982.

Looking at the overall 1982 picture the number of accidents decreased from 198,372 in 1981 to 187,943 in 1982. There were fewer accidents despite a 0.1 per cent increase in the number of motor vehicles registered and a 2.4 per cent increase in the number of licensed drivers in Ontario.

Yet aside from these promising figures, there's one area of road safety that still troubles me. In fact, it has become an alarming and critical concern. I'm referring to motorcycle accidents.

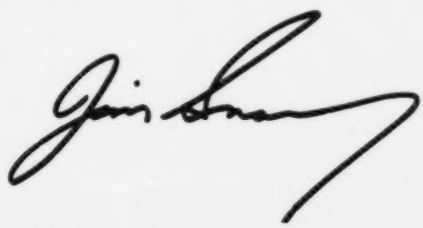
In 1982 the number of motorcycle passengers killed increased 69.2 per cent - a rise from 13 deaths in 1981 to 22 in 1982. The number of motorcycle drivers killed increased 9.6 per cent from 94 to 104.

The number of motorcycle drivers injured also increased 9.5 per cent from 4,303 to 4,711 and passengers injured increased 5.0 per cent.

But what I find most disturbing is that many of these accidents could have been avoided. In 1982 one-third of all motorcycle driver deaths involved unlicensed drivers. Of the 104 motorcycle drivers who died in accidents, 64 were under the age of 25. This is a senseless waste of young life. Another critical factor has been a marked increase in alcohol abuse by motorcyclists and neglect in wearing helmets.

Even more disturbing are facts which place the blame for 72 per cent of motorcycle accidents on the motorcyclist.

So overall, even though the motor vehicle accident statistics show a commendable drop in deaths and injuries, the need for safer motorcycling on Ontario roads is a major concern.



James Snow
Minister of
Transportation and Communications

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Trends in Motor Vehicle Accidents
Death and Injury Rates over the Period 1973-1982

Between 1973 and the end of 1982, Ontario's population and the number of licensed drivers, motor vehicle registrations and motor vehicle accidents (with the exception of the years 1976, 1978, 1980 and 1982) were all on the rise. During the past ten years, traffic deaths reached a high of 1,959 in 1973 and declined to a low of 1,138 in 1982 which is the lowest annual fatality total since the year 1958 when 1,112 persons were killed.

In the past year, the number of deaths decreased 21.2% from the 1,445 deaths in 1981 to 1,138 deaths in 1982. The population grew from 8.63 million to 8.70 million. The death rate per 100,000 population decreased to 13.1 from 16.8 last year. The death rate over the past ten years ranged from 24.7 to 13.1. The 1982 death rate of 13.1 is the lowest since the year 1944 at which time the population was 3.96 million and the death rate was 12.6 per 100,000 population.

There was a decrease of 7,506 persons injured, from 100,321 in 1981 to 92,815 this year. The 1982 injury rate per 100,000 population decreased to 1067.0 from 1163.1 in 1981.

Last year, the number of motor vehicle accidents reported totalled 187,943 a decrease of 5.2% against the 1981 total of 198,372. There were decreases of 19.2% in fatal accidents and 21.2% in persons killed. The personal injury accidents and persons injured decreased 6.4% and 7.5% respectively.

The motor vehicle accident rate per one million kilometres travelled this year remained the same as last year at 2.8 and the fatal accident rate per 100 million kilometres travelled decreased to 1.5. The death rate per 100 million kilometres travelled decreased from 2.0 in 1981 to 1.7 this year. The 1982 death rate of 1.7 is the lowest since 1955.

The number of kilometres driven in 1982 was estimated at 66,284,098,000 a decrease of 6.5% from the 1981 figure of 70,905,834,000.

Synopsis

During 1982, there were 187,943 reported motor vehicle accidents, a decrease of 5.2% from the total of 198,372 accidents reported in 1981. This year, there were decreases of 19.2% in fatal accidents and 21.2% in persons killed. Accidents involving personal injuries decreased 6.4% and persons injured decreased 7.5%. Property damage only accidents decreased 4.5%.

Drivers killed and injured (excluding motorcycle and moped drivers) decreased 25.9% and 10.2%. Passengers killed and injured decreased 24.7% and 8.3% respectively.

Motorcycle drivers killed and injured increased 10.6% and 9.5%. Motorcycle passengers killed and injured increased 69.2% and 5.0%. Bicyclists killed and injured increased 2.3% and 10.9% respectively.

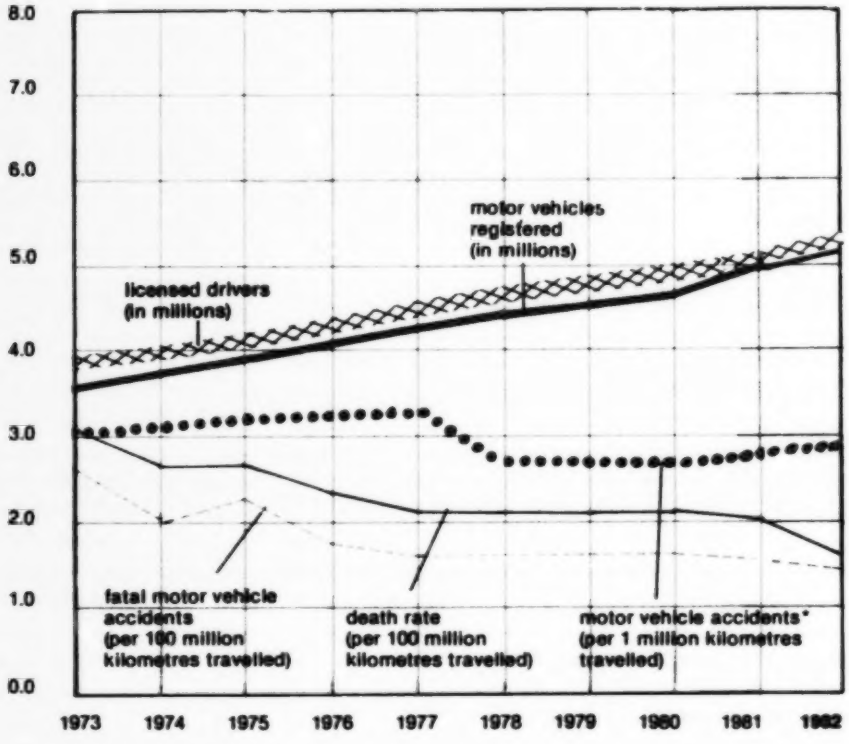
COMPARATIVE STATISTICS 1981—1982

	1981	1982	% of Change
Total Reportable Motor Vehicle Accidents	198,372	187,943	—5.2
Fatal Accidents	1,234	997	—19.2
Personal Injury Accidents	67,292	62,956	—6.4
Property Damage Only Accidents	129,846	123,990	—4.5
Persons Killed	1,445	1,138	—21.2
Persons Injured	100,321	92,815	—7.5
Vehicle Accident Rate per Million Kilometres Travelled*	2.8	2.8	—
Fatal Accident Rate per 100 Million Kilometres Travelled*	1.7	1.5	—11.8
Death Rate per 100 Million Kilometres Travelled*	2.0	1.7	—15.0
Motor Vehicles Registered	5,057,767	5,060,196	+ 0.1
Millions of Vehicle Kilometres Travelled	70,906**	66,294**	—6.5
Ontario Population	8,625,000*	8,699,000*	+0.9
Licensed Drivers	5,123,177	5,247,196	+2.4
Amount of Property Damage	$396,925,442*	388,811,531*	— 2.0

*Estimated

**Kilometres travelled estimated on the basis of 22.08 kilometres per gallon of taxed gasoline and motor fuel.

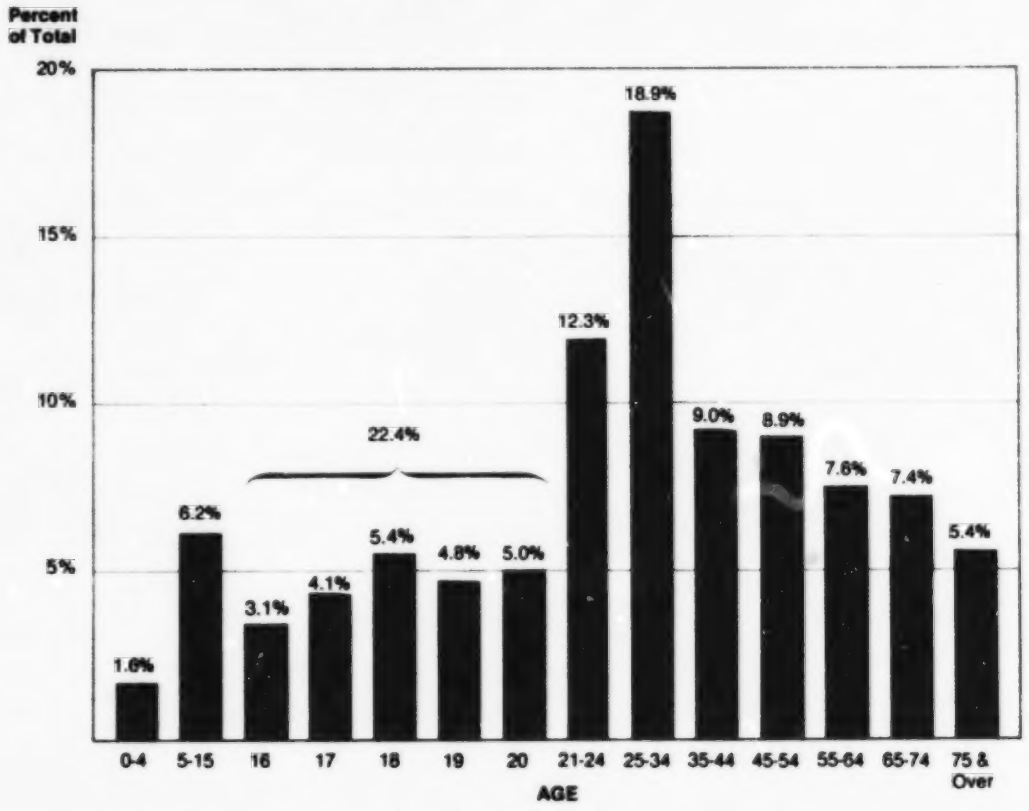
Trends in Motor Vehicle Registrations, Licensed Drivers, Motor Vehicle Accident Rates, Death Rates, Fatal Accident Rates 1973 - 1982



*On January 1, 1978 the reporting criterion for property damage only accidents was raised from $200 to $400.

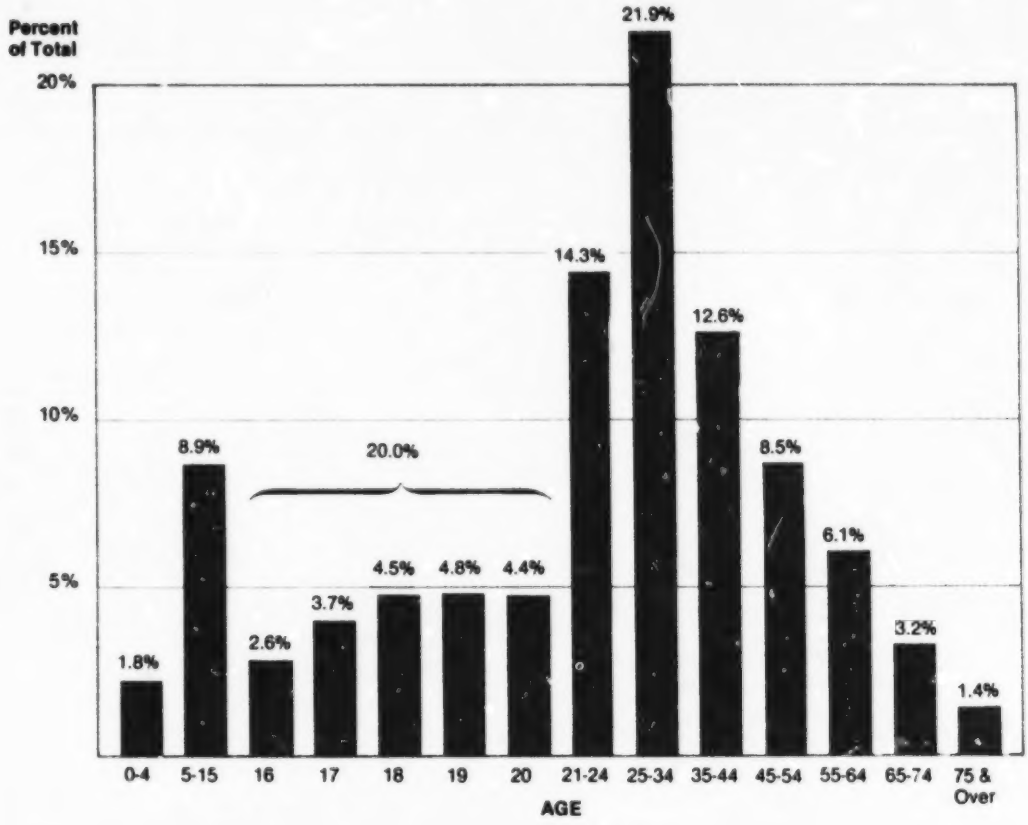
Deaths & Injuries

Class of Victims Killed — by Age — 1982



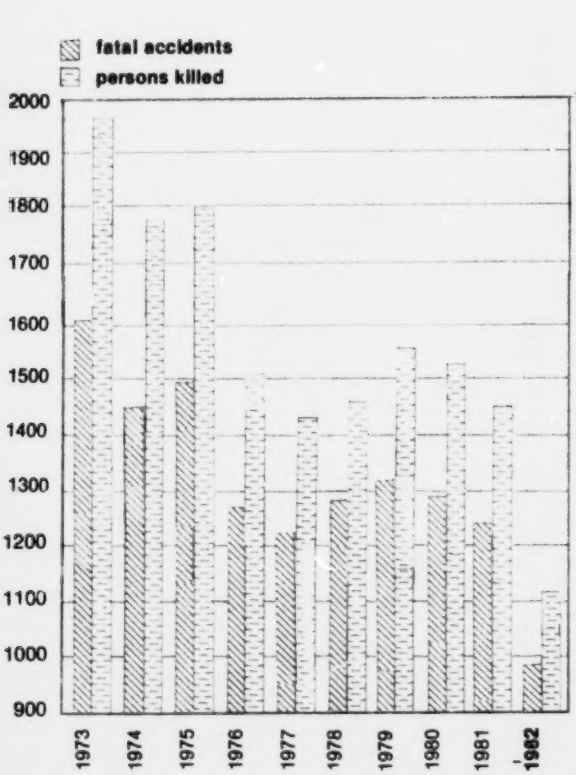
Victim	Total	Class of Victims Killed — By Age — 1982															
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	497	—	1	6	19	25	15	28	62	120	61	54	46	32	20	—
Passenger	265	19	26	16	13	20	22	11	36	39	21	28	19	23	14	1
Pedestrian	179	6	18	6	6	3	3	5	7	18	15	17	20	26	25	—
Bicyclist	46	—	17	1	1	—	1	—	5	5	1	1	1	2	3	3
Moped Driver	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Motorcycle Driver	105	—	3	1	7	10	9	12	26	31	2	2	1	—	—	—
Motorcycle Passenger	22	—	1	1	—	3	5	2	4	4	1	1	—	—	—	—
Other	8	—	3	—	1	—	—	1	—	1	1	—	—	1	—	—
Total	1,133	19	78	35	47	61	55	57	143	218	102	101	57	84	62	4

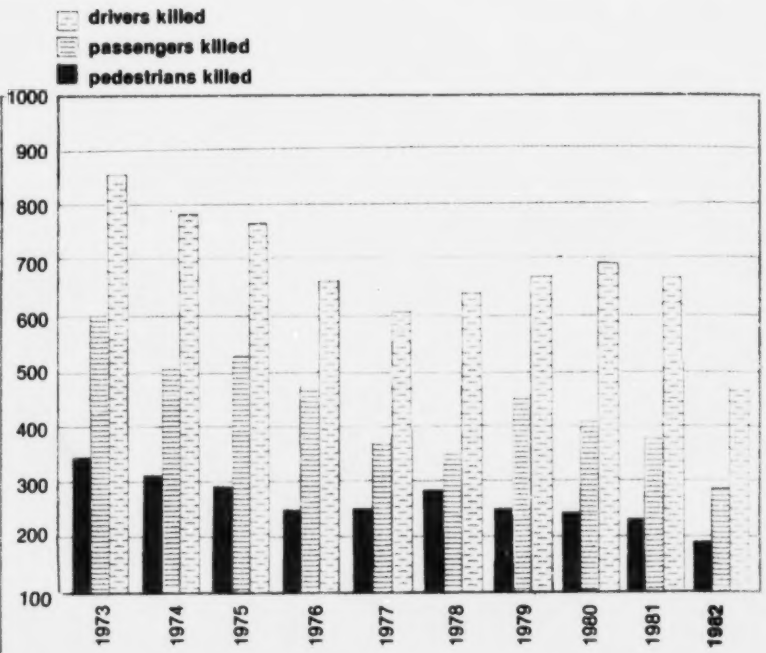
Class of Victims Injured — by Age — 1982



Victim	Total	Class of Victims Injured — By Age — 1982														
		0-4	5-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Not Stated
Driver	45,409	4	54	697	1,306	1,740	2,020	1,894	6,828	12,673	7,896	5,016	3,328	1,448	441	64
Passenger	31,589	1,324	4,447	1,120	1,446	1,556	1,523	1,379	4,126	5,214	2,914	2,364	1,882	1,225	588	480
Pedestrian	5,981	313	1,882	139	151	142	160	146	508	722	438	364	378	302	213	115
Bicyclist	3,889	28	1,605	181	160	177	146	126	389	367	124	47	46	17	10	446
Moped Driver	60	—	3	2	3	2	6	2	8	10	5	8	4	6	1	—
Motorcycle Driver	4,711	—	68	181	305	452	519	457	1,196	1,147	278	74	33	10	1	12
Motorcycle Passenger	899	—	76	71	80	123	107	71	224	132	26	4	3	2	—	11
Other	267	8	71	14	16	11	13	9	35	33	18	12	9	8	2	8
Total	93,815	1,677	8,218	2,395	3,467	4,209	4,494	4,054	13,314	20,299	11,995	7,899	5,683	3,018	1,299	1,136

Fatal Accidents and Persons Killed
1973 - 1982





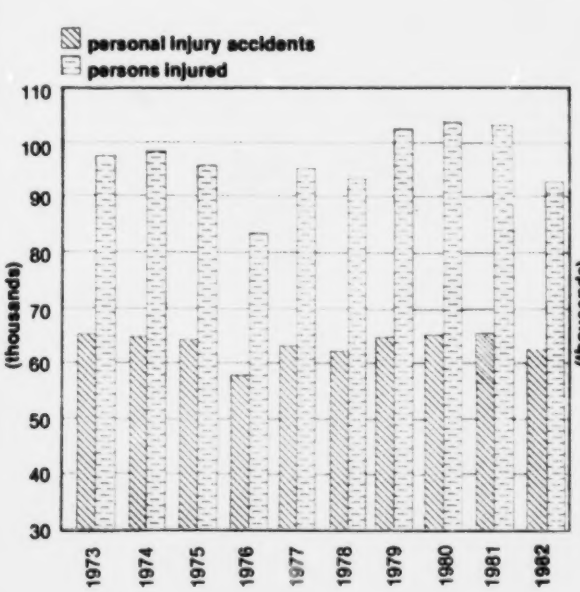
FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

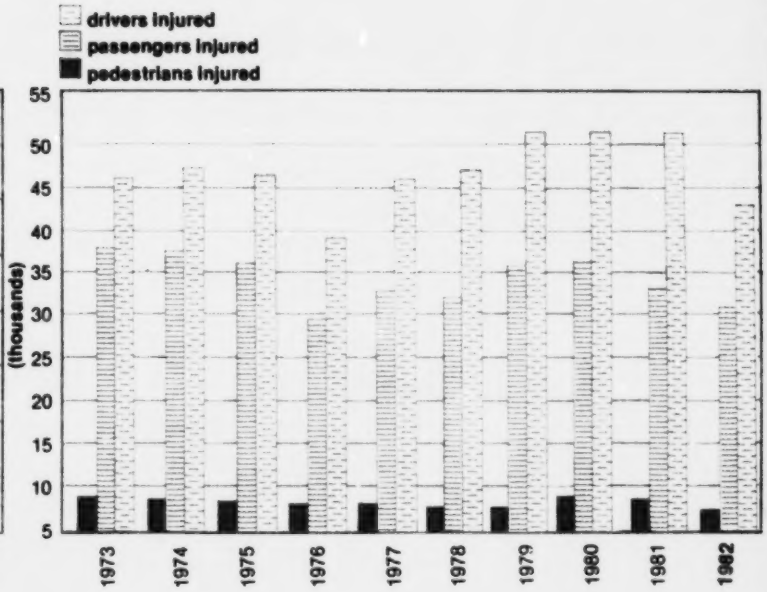
Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1973	7,939,000	830	14.8	600	7.6	346	4.4	183	2.3	1,959	24.7
1974	8,094,000	778	13.4	513	6.3	305	3.8	152	1.9	1,748	21.6
1975	8,226,000	774	13.0	540	6.6	294	3.6	192	2.3	1,800	21.9
1976	8,265,000	648	10.8	461	5.6	251	3.0	151	1.8	1,511	18.3
1977	8,373,000	609	10.1	393	4.7	252	3.0	166	2.0	1,420	17.0
1978	8,444,000	623	9.9	383	4.5	284	3.4	160	1.9	1,450	17.2
1979	8,546,000	668	10.4	468	5.5	273	3.2	151	1.8	1,560	18.3
1980	8,570,000	682	10.5	413	4.8	266	3.1	147	1.7	1,508	17.6
1981	8,625,000	657	9.9	383	4.6	237	2.7	158	1.8	1,445	16.8
1982	8,699,000	487	7.2	296	3.4	179	2.1	176	2.0	1,138	13.1

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others".)

**Rate per 100,000 population 16 years of age and over.

Personal Injury Accidents and Persons Injured
1973 - 1982





NON-FATAL MOTOR VEHICLE ACCIDENT VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population (Est.)	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1973	7,939,000	46,414	826.8	37,093	467.2	7,603	95.8	6,680	84.1	97,790	1,231.8
1974	8,094,000	46,821	806.1	37,020	457.4	7,444	92.0	7,588	93.7	98,873	1,219.1
1975	8,226,000	45,847	772.7	35,658	433.5	7,299	88.7	8,230	100.0	97,034	1,179.8
1976	8,265,000	39,631	659.8	29,553	357.6	7,218	87.3	7,334	88.7	83,736	1,013.1
1977	8,373,000	45,620	756.7	34,854	416.3	6,998	83.6	8,192	97.8	95,664	1,142.5
1978	8,444,000	46,953	746.8	34,578	409.5	6,314	74.8	7,494	88.7	94,979	1,124.8
1979	8,548,000	50,618	787.5	36,332	425.1	6,436	75.3	7,935	92.9	101,321	1,185.8
1980	8,570,000	50,653	778.7	35,982	419.8	6,548	76.4	8,184	95.5	101,367	1,182.8
1981	8,625,000	50,574	765.8	34,450	399.4	6,344	73.6	8,953	103.8	100,321	1,163.1
1982	8,669,000	45,409	676.7	31,586	363.1	5,981	68.8	9,837	113.1	92,815	1,067.8

*Excludes motorcycle passengers. (Motorcycle passengers included with "all others".)

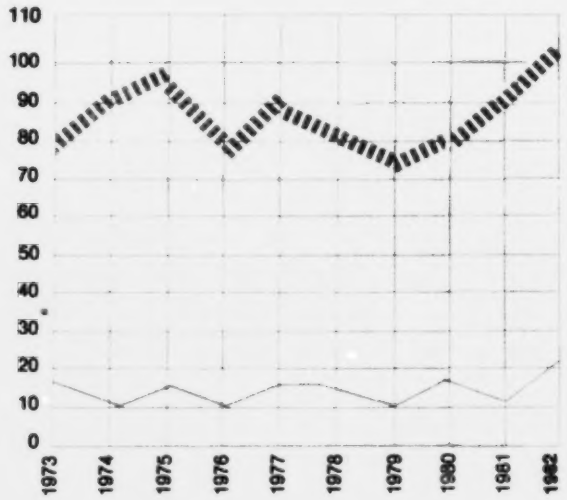
**Rate per 100,000 population 16 years of age and over.

Motorcycle Accident Statistics

During 1982, the number of motorcycle drivers killed and injured increased 10.6% and 9.5% respectively. Motorcycle passengers killed increased 69.2% and injuries increased 5.0%.

The motorcycle driver fatality rate per 100,000 drivers in 1982 remained the same as in 1981, namely 35.2. The motorcycle driver injury rate per 100,000 drivers decreased from 1,612.0 in 1981 to 1,592.4 this year.

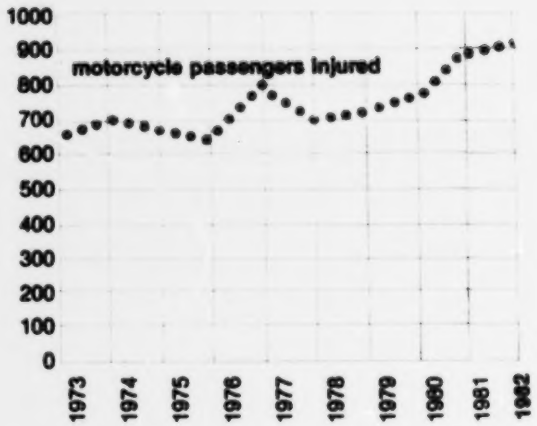
The number of licensed drivers authorized to operate motorcycles increased 10.8% from 266,924 in 1981 to 295,832. Motorcycle registrations were up 11.6% from 107,227 in 1981 to 119,641 this year.



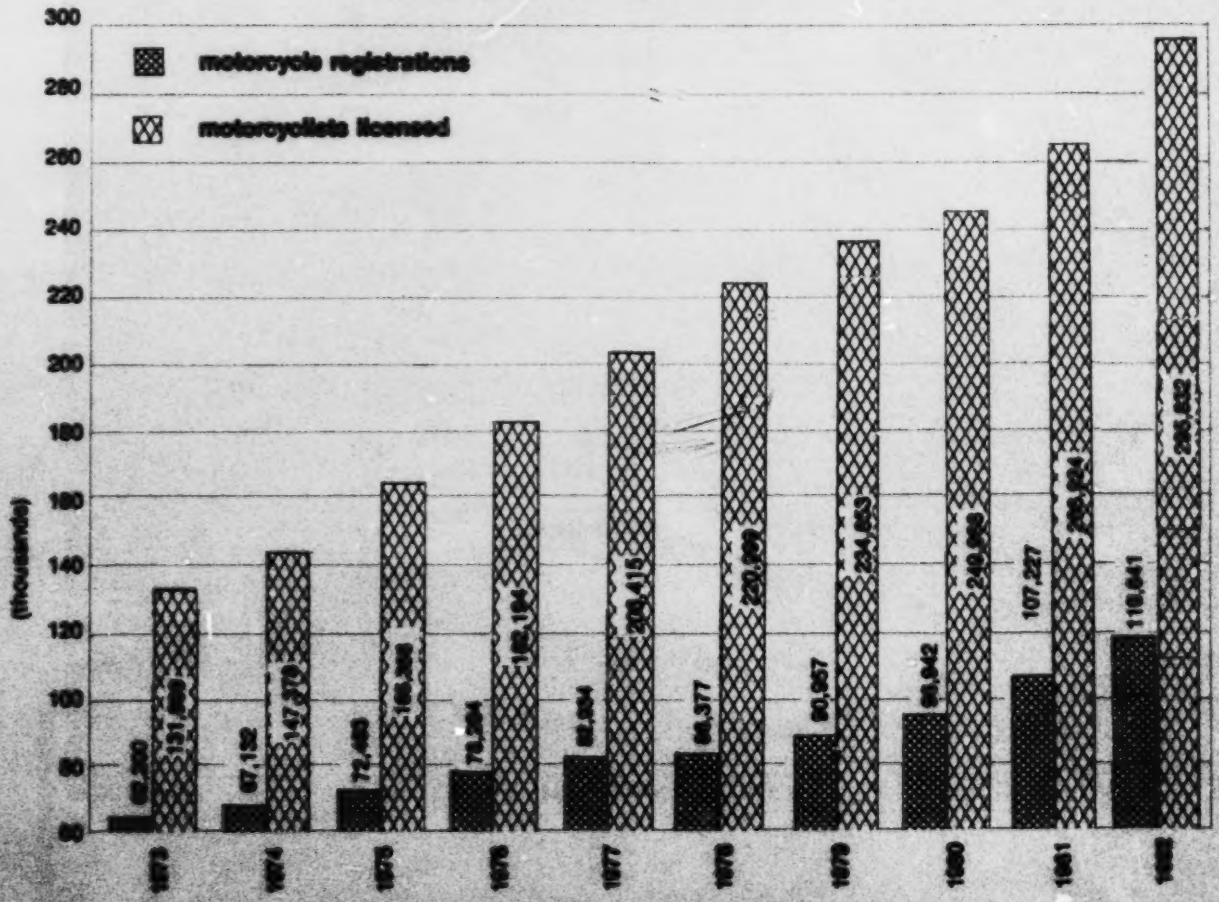
Year	MOTORCYCLISTS KILLED AND INJURED*							
	Drivers				Passengers			
	Killed	% + −	Injured	% + −	Killed	% + −	Injured	% + −
1973	84	+27.3	2,623	+ 8.2	16	− 5.9	623	+ 3.0
1974	86	+ 2.4	3,260	+24.3	13	−18.8	708	+13.6
1975	97	+12.8	3,181	− 2.4	16	+23.1	679	− 4.1
1976	78	−19.6	2,818	−11.4	10	−37.5	648	− 4.6
1977	88	+12.8	3,594	+27.5	17	+70.0	807	+24.5
1978	80	− 9.1	3,453	− 3.9	17	—	697	−13.6
1979	75	− 6.2	3,667	+ 6.2	10	−41.2	710	+ 1.9
1980	81	+ 8.0	3,696	+ 0.8	18	+80.0	772	+ 8.7
1981	94	+16.0	4,303	+16.4	13	−27.8	886	+14.8
1982	104	+ 9.6	4,711	+ 9.5	22	+69.2	936	+ 5.6

*Excludes moped drivers and passengers.

Motorcyclists Injured 1973 - 1982



Motorcycle Registrations and Licensed Motorcyclists 1973 - 1982

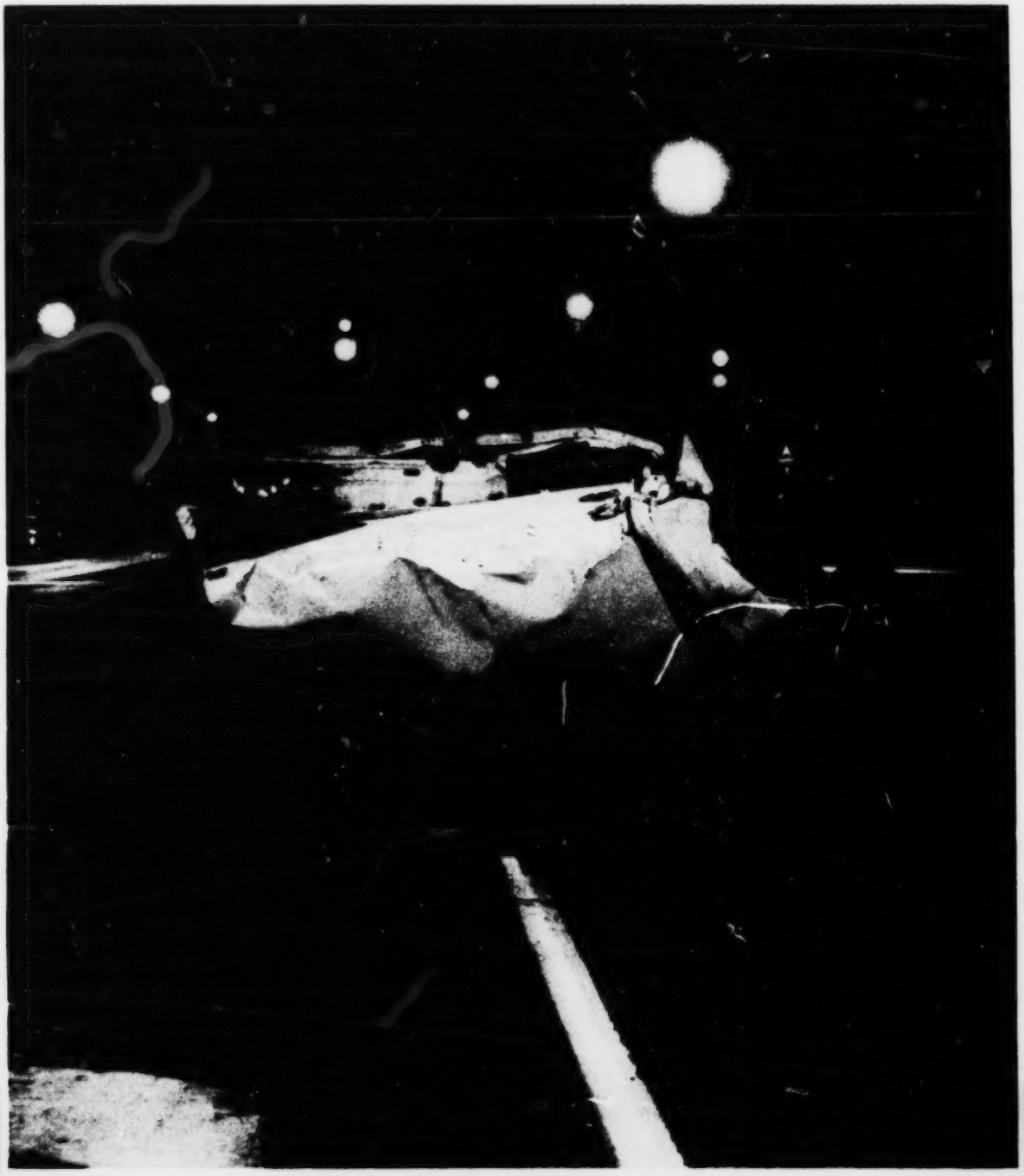


Actions and Conditions of Pedestrians Killed and Injured 1981-1982

ACTIONS OF PEDESTRIANS KILLED AND INJURED 1981-82				
	1981		1982	
Action	Killed	Injured	Killed	Injured
Crossing Intersection With Right of Way	15	1,115	5	1,066
Crossing Intersection Without Right of Way	8	448	9	441
Crossing Intersection No Traffic Control	9	147	6	118
Crossing Pedestrian Crossover	4	214	3	194
Walking on Roadway With Traffic	29	182	16	228
Walking on Roadway Against Traffic	8	102	4	129
On Sidewalk or Shoulder	10	470	10	409
Coming from Behind Parked Vehicle or Object	11	424	4	425
Playing or Working on Highway	2	128	1	115
Running into Roadway	42	1,362	22	1,203
Crossing Through Traffic	54	873	53	813
Other	45	879	46	840
Total	237	6,344	179	5,981

CONDITION OF PEDESTRIANS KILLED AND INJURED 1981-1982				
	1981		1982	
Condition	Killed	Injured	Killed	Injured
Normal	123	5,089	89	4,831
Had Been Drinking	21	426	18	409
Ability Impaired by Alcohol	33	136	38	146
Ability Impaired by Drugs	—	10	—	7
Fatigue	—	9	1	3
Medical or Physical Defect	7	92	2	83
Not Known	50	500	29	426
Other	3	70	2	74
Total	237	6,344	179	5,981

Selected Characteristics



Selected Characteristics of Motor Vehicle Accidents

The following tables present motor vehicle accident information in relation to selected driver, vehicle, and road characteristics. Listings of accidents by various geographic areas of the province are included.

CONDITION OF DRIVER

Condition	All Accidents				Fatal Accidents			
	1981	%	1982	%	1981	%	1982	%
Apparently Normal	281,293	82.8	266,356	83.1	1,039	55.7	857	56.7
Ability Impaired by Alcohol	10,313	3.0	9,082	2.8	396	21.2	293	19.4
Had Been Drinking	19,326	5.7	17,358	5.4	201	10.8	198	13.1
Other	2,453	0.7	2,190	0.7	19	1.0	9	0.6
Not Known	26,255	7.7	25,487	7.9	210	11.3	155	10.2
Total	339,640	100.0	320,473	100.0	1,865	100.0	1,512	100.0

RECORDED OCCURRENCE OF ALCOHOL IN DRIVERS KILLED

Recorded Occurrence	Number of Drivers*			
	1981	%	1982	%
Apparently Normal	266	41.3	237	44.1
Ability Impaired By Alcohol	309	48.2	238	44.2
Had Been Drinking	67	10.5	63	11.7
Total	641	100.0	538	100.0

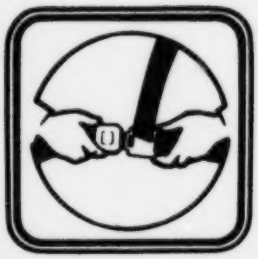
*Excludes cases where alcohol usage was not provided.

Driver Condition by Age and Apparent Driver Action in all Motor Vehicle Accidents 1981-1982

DRIVER CONDITION BY AGE IN ALL MOTOR VEHICLE ACCIDENTS												
Driver's Age	Normal		Ability Impaired — Alcohol		Had Been Drinking		Other		Not Known		Total	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
Under 16	413	257	8	8	39	26	13	17	71	43	544	351
16	5,689	4,335	97	62	294	235	43	25	239	159	6,362	4,816
17	9,690	7,786	228	209	763	598	84	79	413	326	11,178	8,998
18	11,908	10,042	414	327	1,126	955	144	96	488	383	14,080	11,803
19	11,809	10,507	570	451	1,563	1,280	149	119	481	465	14,572	12,822
20	11,651	10,296	533	466	1,528	1,180	118	108	499	454	14,329	12,504
21 - 24	39,900	37,879	1,813	1,686	4,247	3,920	357	373	1,554	1,494	47,871	45,352
25 - 34	74,131	70,798	2,961	2,641	5,294	4,990	568	497	2,520	2,512	85,474	81,438
35 - 44	46,635	47,055	1,694	1,572	2,229	2,139	284	278	1,402	1,385	52,244	52,429
45 - 54	33,596	32,045	1,163	982	1,251	1,139	220	178	901	856	37,131	35,200
55 - 64	22,590	22,161	623	514	728	617	195	185	576	550	24,712	24,027
65 - 74	10,137	9,894	181	135	219	235	156	140	256	262	10,949	10,866
75 & Over	3,009	3,176	14	21	25	32	112	94	89	80	3,249	3,403
Not Known	135	125	14	8	20	12	10	1	16,766	16,518	16,945	16,664
Total	281,293	266,356	10,313	9,082	19,326	17,358	2,453	2,190	26,255	25,487	339,640	320,473

APPARENT DRIVER ACTION IN ALL MOTOR VEHICLE ACCIDENTS 1981-1982				
Action	1981	% of Total	1982	% of Total
Driving Properly	145,220	42.8	136,535	42.6
Following Too Close	17,231	5.1	15,519	4.8
Speed Too Fast	28,336	8.3	26,939	8.4
Improper Turn	12,723	3.7	11,919	3.7
Disobey Traffic Signal	6,478	1.9	6,092	1.9
Disobey Stop Sign	4,437	1.3	4,161	1.3
Fail to Yield Right of Way	37,267	11.0	35,289	11.0
Improper Passing	5,273	1.6	5,065	1.6
Lost Control	24,549	7.2	23,795	7.4
Wrong Way On One-Way Road	316	0.1	382	0.1
Disobey Other Control	180	0.1	196	0.1
Other*	27,175	8.0	24,882	7.8
Not Known	30,455	9.0	29,699	9.3
Total	339,640	100.0	320,473	100.0

*Includes actions defined as Careless Driving, Inattentive Driving, Fell Asleep, Hit and Run, On Wrong Side of Road, Improper Parking, Impaired, Illegally Parked, Dangerous Driving, Inexperience, etc.



Driver Seat Belt Usage by Nature of Injury 1981-1982

DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1982*												
Nature of Injury	Installed — Not In Use		Installed — Not In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1982	%	1982	%	1982	%	1982	%	1982	%	1982	%
Killed	259	0.94	106	0.04	98	1.0	12	0.3	12	0.1	487	0.2
Injured	8,042	29.3	34,466	13.6	1,987	20.6	554	14.7	360	1.8	45,409	14.4
Not Injured	19,136	69.7	219,284	86.3	7,581	78.4	3,209	85.0	19,648	98.1	268,858	85.4
Total	27,437	100.0	253,856	100.0	9,666	100.0	3,775	100.0	20,020	100.0	314,754	100.0

DRIVER SEAT BELT USAGE BY NATURE OF INJURY — 1981*												
Nature of Injury	Installed — Not In Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1981	%	1981	%	1981	%	1981	%	1981	%	1981	%
Killed	362	1.16	144	0.05	119	1.2	16	0.3	16	0.1	657	0.2
Injured	9,162	29.4	38,073	14.2	2,249	22.8	668	14.1	422	2.0	50,574	15.1
Not Injured	21,679	69.5	229,832	85.7	7,517	76.0	4,058	85.6	20,207	97.9	283,293	84.7
Total	31,203	100.0	268,049	100.0	9,885	100.0	4,742	100.0	20,645	100.0	334,524	100.0

*Excludes Motorcycle and Moped Drivers
Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1982, 80.7% of the drivers involved in motor vehicle accidents were using their seat belts and 8.7% were not using them as compared to 80.1% of the drivers in 1981 who were using their seat belts and 9.3% were not.

During 1982, there were 25.9% fewer driver fatalities and drivers injured decreased 10.2%. Out of the 27,437 drivers involved who had seat belts installed but were not using them, 0.94% (259) were killed, 29.3% (8,042) were injured and 69.7% (19,136) were not injured. In comparison, 0.04% (106) of the drivers who were using their seat belts were killed, 13.6% (34,466) were injured and 86.3% (219,284) were not injured.

Driver Severity of Injury by Seat Belt Usage 1981-1982

DRIVER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1982*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1982	%	1982	%	1982	%	1982	%
None	219,284	86.4	22,345	71.6	27,229	91.7	268,858	85.4
Minimal	21,624	8.5	3,946	12.6	926	3.1	26,496	8.4
Minor	11,253	4.4	3,392	10.9	927	3.1	15,572	4.9
Major	1,589	0.6	1,258	4.0	494	1.7	3,341	1.1
Fatal	106	0.04	271	0.86	110	0.4	487	0.2
Total	253,856	100.0	31,212	100.0	29,686	100.0	314,754	100.0

DRIVER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1981*								
Severity of Injury	Installed — In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1981	%	1981	%	1981	%	1981	%
None	229,832	85.7	25,737	71.6	27,724	90.8	283,293	84.7
Minimal	23,825	8.9	4,468	12.4	981	3.2	29,274	8.8
Minor	12,436	4.6	4,002	11.1	1,089	3.6	17,527	5.2
Major	1,812	0.7	1,360	3.8	601	2.0	3,773	1.1
Fatal	144	0.05	378	1.05	135	0.4	657	0.2
Total	268,049	100.0	35,945	100.0	30,530	100.0	334,524	100.0

*Excludes Motorcycle & Moped Drivers

Definitions of Injuries:

Minimal — Persons did not go to a hospital when leaving the scene of the accident. This includes minor abrasions and bruises, complaint of pain, etc, providing the person chose not to go to a hospital.

Minor - Persons with injuries or complaint of pain that went to a hospital but were treated in the emergency room and released (not admitted to a hospital).

Major — Persons with injuries or complaint of pain that went to a hospital and were subsequently admitted. This includes admitted for observation only.

Passenger Seat Belt Usage by Nature of Injury 1981-1982

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1982*												
Nature of Injury	Installed — Not in Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1982	%	1982	%	1982	%	1982	%	1982	%	1982	%
Killed	137	0.62	66	0.05	51	0.7	30	0.3	12	0.2	296	0.2
Injured	7,458	33.8	19,998	15.7	1,356	18.5	2,541	27.1	235	3.6	31,588	18.2
Not Injured	14,457	65.5	107,605	84.2	5,923	80.8	6,813	72.6	6,320	96.2	141,118	81.6
Total	22,052	100.0	127,669	100.0	7,330	100.0	9,384	100.0	6,567	100.0	173,002	100.0

PASSENGER SEAT BELT USAGE BY NATURE OF INJURY — 1981*												
Nature of Injury	Installed — Not in Use		Installed — In Use		Installed — Use Unknown		Not Installed		Not Known		Total	
	1981	%	1981	%	1981	%	1981	%	1981	%	1981	%
Killed	223	0.89	55	0.04	65	0.8	29	0.3	21	0.3	393	0.2
Injured	8,440	33.6	21,272	15.9	1,483	19.0	2,926	27.2	329	5.3	34,450	18.8
Not Injured	16,479	65.5	112,230	84.0	6,240	80.1	7,804	72.5	5,888	94.4	148,641	81.0
Total	25,142	100.0	133,557	100.0	7,788	100.0	10,759	100.0	6,238	100.0	183,484	100.0

* Excludes motorcycle and non-injured bus passengers.

Note: Mandatory usage of seat belts came into effect on January 1, 1976.

In 1982, 73.8% of the passengers involved in motor vehicle accidents were using their seat belts and 12.7% were not as compared to 72.8% of the passengers in 1981 who were using their seat belts and 13.7% were not.

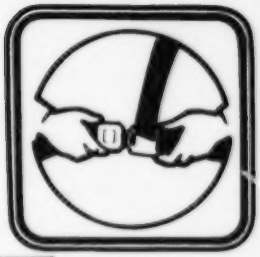
This year, there was a 24.7% decrease in passenger fatalities and an 8.3% decrease in passengers injured. Out of the 22,052 passengers involved who had seat belts installed but were not using them, 0.62% (137) were killed, 33.8% (7,458) were injured and 65.5% (14,457) were not injured. In comparison, 0.05% (66) of the 127,669 passengers who were using their seat belts were killed, 15.7% (19,998) were injured and 84.2% (107,605) were not injured.

CHILD RESTRAINT SYSTEMS

During 1981, there were 2,055 children involved in motor vehicle accidents who had child restraint systems available. The in-use data shows that 1 child was killed, 204 injured and 2,386 not injured. The remaining 2 children killed, 14 injured and 48 not injured were not using restraint systems or usage was unknown.

This year, 3,341 children were involved in motor vehicle accidents that had child restraint systems available. The in-use data shows that 1 child was killed, 348 were injured and 3,017 were not injured. The remaining 1 child killed, 18 injured and 88 not injured were not using restraint systems or usage was unknown.

Passenger Severity of Injury by Seat Belt Usage 1981-1982



PASSENGER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1982*								
Severity of Injury	Installed In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1982	%	1982	%	1982	%	1982	%
None	107,305	84.3	21,270	67.7	12,243	88.1	141,118	81.6
Minimal	12,182	9.5	4,620	14.7	657	4.7	17,459	10.1
Minor	6,803	5.3	4,174	13.3	657	4.7	11,634	6.7
Major	1,013	0.8	1,205	3.8	277	2.0	2,495	1.4
Fatal	66	0.05	167	0.53	63	0.5	296	0.2
Total	127,669	100.0	31,436	100.0	13,897	100.0	173,002	100.0

PASSENGER — SEVERITY OF INJURY BY SEAT BELT USAGE — 1981*								
Severity of Injury	Installed In-Use		Installed Not In Use & Not Installed		Usage Not Known		Total	
	1981	%	1981	%	1981	%	1981	%
None	112,230	84.0	24,283	67.6	12,128	86.4	148,641	81.0
Minimal	12,907	9.7	5,199	14.5	794	5.7	18,900	10.3
Minor	7,399	5.5	4,819	13.4	682	4.9	12,900	7.0
Major	966	0.7	1,348	3.8	336	2.4	2,650	1.4
Fatal	55	0.04	252	0.7	86	0.6	393	0.2
Total	133,557	100.0	35,901	100.0	14,026	100.0	183,484	100.0

*Excludes motorcycle and non-injured bus passengers.
Note: Refer to page 17 for definition of injuries.

INJURIES & FATALITIES TO CHILD PASSENGERS 0 - 4 YEARS OLD						
		0-24* months	2 years	3 years	4 years	Total
1982	Killed	5	2	1	2	10
	Injured	234	325	342	423	1,324
1981	Killed	8	2	6	4	20
	Injured	387	349[a]	428[a]	433	1,597
1980	Killed	9	3	1	5	18
	Injured	401	424	410	462+	1,697
1979	Killed	7	4	3	3	17
	Injured	422	419	448	425	1,714
1978	Killed	7	7	—	3	13
	Injured	385	401	442	448	1,676
1977	Killed	5	3	3	2	13
	Injured	388	484	408	458	1,718
6 YEAR TOTAL	Killed	41	21	14	19	95
	Injured	2,217	2,382	2,478	2,849	9,726

* Note: 2 year period.
[a] Includes 1 child listed as a driver, as he/she set the vehicle in motion.
+ Includes 2 children listed as drivers as they set the vehicle in motion.

SEVERITY OF INJURY BY CLASS OF PERSONS INVOLVED — 1981-1982

Class of Victim	Severity of Injury — 1982					
	None	Minimal	Minor	Major	Fatal	Total
Driver	268,858	26,496	15,572	3,341	487	**314,754**
Passenger	186,038*	17,459	11,634	2,495	296	**217,922**
Pedestrian	165	1,968	2,931	1,082	179	**6,325**
Bicyclist	128	1,916	1,648	305	41	**4,038**
Moped Driver	11	21	28	11	1	**72**
Motorcycle Driver	808	1,699	2,102	910	104	**5,623**
Motorcycle Passenger	221	336	431	163	22	**1,173**
Other	12,749	113	117	37	8	**13,024**
Total	**468,978**	**50,008**	**34,463**	**8,344**	**1,138**	**562,931**

Class of Victim	Severity of Injury — 1981					
	None	Minimal	Minor	Major	Fatal	Total
Driver	283,293	29,274	17,527	3,773	657	**334,524**
Passenger	194,202*	18,900	12,900	2,650	393	**229,045**
Pedestrian	178	2,053	3,010	1,281	237	**6,759**
Bicyclist	123	1,679	1,480	329	40	**3,651**
Moped Driver	4	32	22	5	—	**63**
Motorcycle Driver	725	1,487	1,940	876	94	**5,122**
Motorcycle Passenger	188	318	395	173	13	**1,087**
Other	13,071	98	71	48	11	**13,299**
Total	**491,784**	**53,841**	**37,345**	**9,135**	**1,445**	**593,550**

* Includes Bus Passengers

Note: Refer to page 17 for definition of injuries.

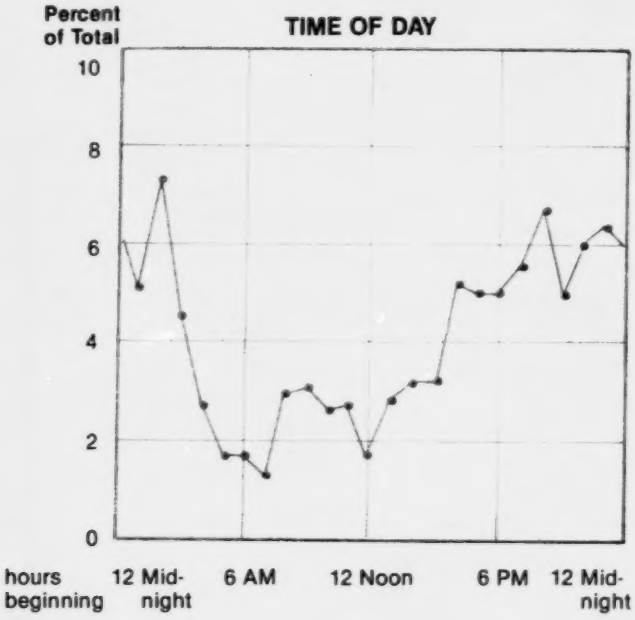
During 1982, 562,931 persons were involved in reportable motor vehicle accidents. 0.2% (1138) were killed, 16.5% (92,815) were injured and 83.3% (468,978) were not injured. Out of the 92,815 persons injured, 53.9% (50,008) suffered minimal injuries, 37.1% (34,463) minor injuries and 9.0% (8,344) major injuries.

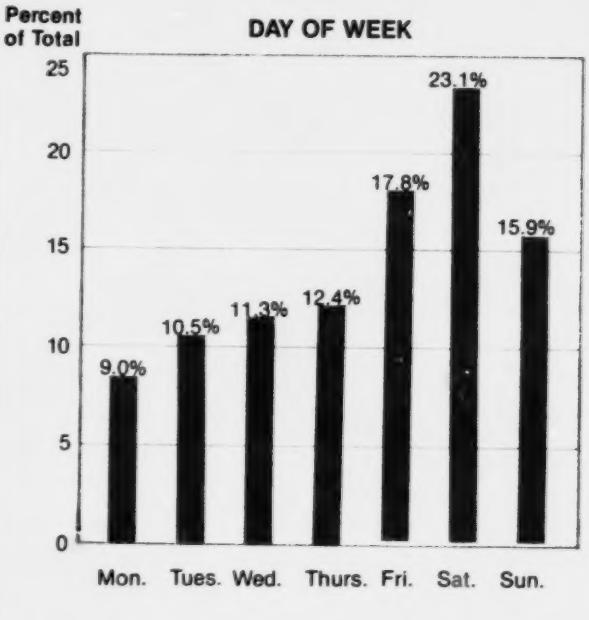
Licensed Drivers as Compared with Drivers Involved in Motor Vehicle Accidents — by Age 1981-1982

Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1982		
	Licensed — 1982			Involved in Accidents — 1982					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	—	—	—	303	48	351	—	—	—
16	21,545	11,608	33,153	3,694	1,121	4,815	17.1	9.6	14.5
17	48,726	32,165	80,891	6,842	2,156	8,998	14.0	6.7	11.1
18	63,326	44,015	107,341	9,205	2,598	11,803	14.5	5.9	11.0
19	70,041	50,710	120,751	10,171	2,650	12,821	14.5	5.2	10.6
20	73,262	54,876	128,138	9,812	2,692	12,504	13.4	4.9	9.8
21 - 24	300,373	241,607	541,980	34,791	10,561	45,352	11.6	4.4	8.4
25 - 34	711,582	617,392	1,328,974	59,958	21,479	81,437	8.4	3.5	6.1
35 - 44	579,418	472,004	1,051,422	37,550	14,879	52,429	6.5	3.2	5.0
45 - 54	457,446	321,789	779,235	26,605	8,594	35,199	5.8	2.7	4.5
55 - 64	375,473	252,658	628,131	18,398	5,629	24,027	4.9	2.2	3.8
65 - 74	216,667	128,045	344,712	8,241	2,425	10,666	3.8	1.9	3.1
75 & Over	72,057	30,413	102,470	2,714	689	3,403	3.8	2.3	3.3
Unknown	—	—	—	—	—	16,668	—	—	—
Total	2,969,916	2,257,282	5,247,198	228,284	75,521	320,473	7.6	3.3	6.1

Drivers' Age	DRIVERS						% of Drivers of Each Age Involved in Accidents 1981		
	Licensed — 1981			Involved in Accidents — 1981					
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	—	—	—	454	90	544	—	—	—
16	23,406	11,989	35,397	5,000	1,362	6,362	21.4	11.4	18.0
17	53,961	34,687	88,648	8,747	2,431	11,178	16.2	7.0	12.6
18	64,931	44,829	109,760	11,142	2,938	14,080	17.2	6.6	12.8
19	69,945	50,722	120,667	11,621	2,951	14,572	16.6	5.8	12.1
20	72,677	54,643	127,320	11,220	3,109	14,329	15.4	5.7	11.3
21 - 24	295,017	236,807	531,824	37,118	10,753	47,871	12.6	4.5	9.0
25 - 34	707,424	606,168	1,313,592	62,979	22,495	85,474	8.9	3.7	6.5
35 - 44	551,445	439,361	990,806	37,749	14,495	52,244	6.8	3.3	5.3
45 - 54	456,651	315,280	771,931	28,186	8,945	37,131	6.2	2.8	4.8
55 - 64	363,359	241,533	604,892	18,939	5,773	24,712	5.2	2.4	4.1
65 - 74	211,462	120,695	332,157	8,426	2,523	10,949	4.0	2.1	3.3
75 & Over	68,706	27,457	96,163	2,604	645	3,249	3.8	2.3	3.4
Unknown	—	—	—	—	—	16,945	—	—	—
Total	2,968,636	2,164,141	5,133,177	244,185	78,510	339,640	8.3	3.6	6.6

Persons Killed by Time of Day and Week 1982





PERSONS KILLED BY TIME OF DAY AND DAY OF WEEK									
Time	**Total**	**%**	**Mon.**	**Tues.**	**Wed.**	**Thur.**	**Fri.**	**Sat.**	**Sun.**
12 - 01 A.M.	57	5.0	4	6	5	7	6	17	12
01 - 02 "	84	7.4	—	3	5	7	15	31	23
02 - 03 "	52	4.6	2	2	1	—	7	24	16
03 - 04 "	31	2.7	—	3	1	3	5	12	7
04 - 05 "	19	1.7	1	—	1	2	4	3	8
05 - 06 "	19	1.7	1	2	—	1	2	8	5
06 - 07 "	15	1.3	1	3	2	2	4	—	3
07 - 08 "	34	3.0	4	5	5	8	1	7	4
08 - 09 "	35	3.1	2	8	5	8	7	4	1
09 - 10 "	30	2.6	5	5	3	3	3	6	5
10 - 11 "	31	2.7	8	2	3	4	2	8	4
11 - 12 "	20	1.8	6	2	2	1	3	2	4
12 - 01 PM	32	2.8	5	1	2	5	8	6	5
01 - 02 "	36	3.2	4	2	7	8	6	5	4
02 - 03 "	36	3.2	3	8	5	8	6	4	2
03 - 04	63	5.5	9	8	11	5	11	12	7
04 - 05	59	5.2	8	9	9	5	13	11	4
05 - 06 "	59	5.2	8	6	11	7	7	9	11
06 - 07 "	65	5.7	1	8	5	14	9	15	13
07 - 08 "	79	6.9	9	6	10	6	19	16	13
08 - 09 "	58	5.1	4	9	4	11	11	14	5
09 - 10 "	69	6.1	7	10	3	6	16	18	9
10 - 11 "	74	6.5	6	7	14	14	13	11	9
11 - 12 "	69	6.1	3	2	13	5	24	17	5
Unknown	12	1.0	1	2	2	1	1	3	2
Total	**1,138**	**100.0**	**102**	**119**	**129**	**141**	**203**	**263**	**181**

Motor Vehicle Deaths by Month of Occurrence
1973 - 1982

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
January	130	94	139	71	74	61	113	108	93	68
February	84	89	85	76	74	73	75	98	86	37
March	122	118	114	86	89	64	97	92	102	72
April	116	101	77	96	82	92	108	86	88	68
May	147	150	136	129	121	111	110	135	137	96
June	183	150	148	147	150	146	155	143	126	102
July	211	191	200	166	165	176	137	182	173	137
August	256	214	203	191	162	164	187	164	158	132
September	207	173	189	144	121	159	153	171	127	114
October	196	170	181	126	141	156	140	112	120	123
November	153	175	169	126	124	132	126	123	126	100
December	154	123	159	153	117	116	159	94	109	89
Total	1,959	1,748	1,800	1,511	1,420	1,450	1,560	1,508	1,445	1,138

Motor Vehicle Injuries by Month of Occurrence
1973 - 1982

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
January	6,073	7,088	6,489	6,152	8,629	7,774	7,790	6,098	7,858	7,742
February	6,426	5,909	6,923	5,228	5,886	5,730	6,967	6,756	6,963	6,408
March	6,784	7,047	6,546	5,204	5,856	6,047	6,489	6,804	6,591	6,422
April	7,181	6,487	5,922	5,608	6,653	5,956	6,903	6,918	6,663	6,338
May	8,543	8,302	8,480	6,702	7,885	7,745	8,011	8,323	8,986	7,490
June	9,267	9,553	9,628	7,824	8,416	8,589	9,138	9,309	9,059	8,890
July	9,141	9,761	9,006	8,439	9,478	9,376	9,455	9,874	10,113	9,214
August	9,222	9,750	9,898	8,187	9,020	9,114	9,501	9,932	10,237	8,875
September	9,018	8,709	8,562	7,883	8,997	9,168	9,067	9,385	8,664	8,112
October	9,418	8,458	8,231	7,750	8,342	8,407	9,500	9,555	8,931	7,914
November	7,976	8,821	8,651	6,851	8,616	8,410	9,210	9,205	7,961	8,663
December	8,741	8,788	8,696	8,306	7,886	8,663	9,310	9,406	8,297	7,849
Total	97,790	98,673	97,034	83,738	95,664	94,979	101,321	101,367	100,321	92,915

Fatal Motor Vehicle Accidents and Fatalities/ Injuries on Long Weekends

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1982
(From Friday 6 p.m. to Monday Midnight)

Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	13	4	4	8	3	6	2	18	9
Dominion Day**	—	—	—	—	—	—	—	—	—
Civic Day	24	11	11	5	23	9	1	25	35
Labour Day	9	4	6	2	10	3	3	9	19
Thanksgiving Day	15	4	7	6	11	7	—	17	18

LONG WEEKEND FATAL MOTOR VEHICLE ACCIDENTS — 1981
(From Friday 6 p.m. to Monday Midnight)

Weekend	No. of Fatal Accidents	Drivers		Passengers		Other Victims*		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Victoria Day	14	8	9	5	6	5	—	18	15
Dominion Day***	—	—	—	—	—	—	—	—	—
Civic Day	19	10	3	5	8	8	—	23	11
Labour Day	19	9	9	5	13	7	2	21	24
Thanksgiving Day	20	9	6	5	11	8	2	22	19

*Includes Motorcycle, Moped Drivers and Passengers; Pedestrians; Bicyclists
**Dominion Day was on Thursday
***Dominion Day was on Wednesday

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES — SCHOOL YEARS 1972-73 — 1981-82

School Year	Pupils Transported Daily	Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES								Injury Rate Per 100,000 Pupils	
			Crossing Road (2)		Within School Vehicle		Other		Total			
			F.	P.I.	F.	P.I.	F.	P.I.	F.	P.I.	Fatal	Non Fatal
1972-73	558,549	542	—	9	—	233*	3†	18	3	260	0.6	47
1973-74	592,026	575	1	6	—	364**	—	17	1	387	0.2	65
1974-75	578,817	622	4	19	2	205	—	28	6	252	1.1	45
1975-76	594,410	727	2	14	2	155	1	24	5	193	0.8	32
1976-77	600,082	793	—	10	—	247††	1	10	1	267	0.2	44
1977-78	601,583	866	1	19	—	259‡‡‡	2	18	3	296	0.5	49
1978-79	599,776	838	—	12	1	285‡	1	28	2	325	0.3	54
1979-80	601,813	765	—	12	1	250	3	48	4	310	0.7	52
1980-81	598,096	847	1	20	—	191	—	18	1	229	0.2	38
1981-82	**597,331**	**861**	**1**	**15**	**—**	**238‡‡**	**—**	**14**	**1**	**267**	**0.2**	**45**

MOTOR VEHICLE ACCIDENTS INVOLVING SCHOOL VEHICLES—SCHOOL YEARS 1980-81 — 1981-82

Type of School Vehicle	Nature of Accident				Total Number of Accidents (1)	PUPIL FATALITIES/PERSONAL INJURIES						Total	
						Crossing Road (2)		Within School Vehicle		Other			
	Fatal	Pupil Injury	Non Pupil Injury	Property Damage		Fatalities	Personal Injuries	Fatalities	Personal Injuries	Fatalities	Personal Injuries	Fatalities	Personal Injuries
1981-82 School Bus	7	71	145	572	795	1	15	—	218	—	12	1	245
Van	—	8	15	40	63	—	—	—	19	—	2	—	21
Station Wagon	—	1	—	2	3	—	—	—	1	—	—	—	1
Other Buses	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	**7**	**80**	**160**	**614**	**861**	**1**	**15**	**—**	**238**	**—**	**14**	**1**	**267**
1980-81 School Bus	3	91	131	502	727	1	19	—	164	—	13	1	196
Van	—	18	25	65	108	—	1	—	27	—	5	—	33
Station Wagon	—	—	1	2	3	—	—	—	—	—	—	—	—
Other Buses	—	—	2	7	9	—	—	—	—	—	—	—	—
Total	**3**	**109**	**159**	**576**	**847**	**1**	**20**	**—**	**191**	**—**	**18**	**1**	**229**

(1) Accidents involving a school vehicle directly or indirectly while transporting pupils to or from school.

(2) Pupil struck by approaching vehicle (excluding school vehicle) while waiting to board school vehicle, crossing road to board or after leaving school vehicle.

* Includes 3 separate accidents resulting in a total of 56 pupil injuries (27, 17, 12).

** Includes 6 separate accidents resulting in a total of 195 pupil injuries (46, 39, 35, 32, 25, 18).

† Includes one school age pedestrian who ran across a street into the path of an oncoming bus; two pupils, after being discharged were fatally injured by school buses while attempting to cross the streets in front of the buses.

†† Includes 7 separate accidents resulting in a total of 124 pupil injuries (48, 19, 13, 13, 11, 10, 10).

‡ Includes 8 separate accidents resulting in a total of 110 pupil injuries (30, 22, 19, 16, 13, 10).

‡‡ Includes 5 separate accidents resulting in a total of 105 pupil injuries (42, 20, 19, 13, 11).

‡‡‡ Includes 7 separate accidents resulting in a total of 188 pupil injuries (36, 35, 25, 18, 18, 14, 12).

Motor Vehicle Accidents by Type (Based on Initial Impact) 1973 — 1982

FATAL ACCIDENTS INVOLVING										
		Motor Vehicle And								
Year	Single Motor Vehicle	Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1973	488	676	321	69	42	1	8	3	17	1,625
1974	457	630	288	45	34	—	3	4	9	1,470
1975	480	651	273	64*	22	2	6	7	15	1,520
1976	376	567	228	46	28	2	2	1	15	1,265
1977	379	512	235	47	22	—	6	2	10	1,213
1978	378	526	263	49	28	—	6	2	11	1,263
1979	415	563	252	45	21	1	8	1	10	1,316
1980	463	521	247	30	17	—	5	4	9	1,296
1981	414	524	220	43	21	1	3	3	5	1,234
1982	359	402	162	42	17	1	3	—	11	997

PERSONAL INJURY ACCIDENTS INVOLVING										
		Motor Vehicle And								
Year	Single Motor Vehicle	Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1973	16,733	37,564	6,827	3,329	131	89	90	237	335	65,335
1974	17,515	37,831	6,680	3,446	137	118	83	253	289	66,352
1975	17,274	36,914	6,570	4,216*	125	131	101	265	213	65,811
1976	14,700	32,682	6,502	3,432	116	84	76	192	244	58,028
1977	16,155	37,530	6,243	3,182	98	108	82	211	178	63,787
1978	16,093	37,406	5,614	2,881	94	82	85	229	180	62,864
1979	18,063	39,613	5,726	3,128	106	111	96	186	172	67,201
1980	18,362	39,296	5,822	3,284	93	89	82	230	113	67,391
1981	17,820	39,693	5,681	3,351	95	95	68	275	114	67,292
1982	16,447	36,767	5,439	3,730	78	95	79	267	72	62,966

ALL MOTOR VEHICLE ACCIDENTS INVOLVING										
		Motor Vehicle And								
Year	Single Motor Vehicle	Other Motor Vehicle/s	Pedestrian	Cyclist	Rail-Road Train	Street Car	Tractor	Animal	Other†	Total
1973	41,995	137,039	7,161	3,412	322	353	254	1,554	961	193,021
1974	45,720	144,447	6,977	3,508	366	412	224	1,892	725	204,271
1975	48,283	150,252	6,860	4,328*	328	536	306	2,159	637	213,689
1976	44,422	153,559	6,739	3,497	321	455	316	1,782	784	211,895
1977	44,457	160,866	6,482	3,271	275	462	294	1,879	581	218,567
1978	40,332	134,590	5,861	2,969	237	311	234	1,361	448	186,343
1979	46,783	139,539	5,978	3,198	257	335	240	1,480	426	197,196
1980	47,417	138,754	6,072	3,365	226	362	243	1,761	319	198,891
1981	46,347	136,439	5,904	3,451	229	388	184	2,109	314	195,372
1982	43,766	133,491	5,668	3,882	197	412	249	2,139	215	187,849

* Includes Hit-and-Run Driver.

† Includes Motor-Driven Vehicles.

Type and Condition of Vehicles Involved in All Accidents 1982

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS — 1982				
Type of Vehicle	In All Accidents	In Fatal	In Personal Injury	In Property Damage
Passenger Car	262,305	998	84,581	176,726
Passenger Car & Trailer	596	7	160	429
Truck	46,951	248	13,600	33,103
Truck & Trailer	797	8	204	585
Tractor & Semi-trailer	5,060	94	1,409	3,557
Motorcycle	5,728	135	4,989	604
Bus	2,773	14	971	1,788
School Bus/Vehicles	918	8	260	650
Other Motor Vehicles/Unknown	14,273	18	2,507	11,748
Non Motor Vehicle	5,571	81	4,386	1,104
Total	**344,972**	**1,611**	**113,067**	**230,294**

TYPE AND CONDITION OF VEHICLES INVOLVED — ALL ACCIDENTS — 1982											
Condition	Passenger Car	Passenger Car & Trailer	Truck	Truck & Trailer	Tractor Semi-Trailer	Motorcycle	Bus	School Bus/ Vehicles	Other Motor Vehicle/Unknown	Non Motor Vehicle	Total
No Apparent Defect	252,633	499	44,295	639	4,548	5,353	2,700	887	995	4,881	317,430
Service Brakes Defective	692	1	289	12	72	23	9	4	6	156	1,264
Steering Defective	211	1	69	4	9	13	1	—	—	2	310
Tire Puncture or Blow Out	694	8	172	11	46	36	2	1	—	1	971
Tire Tread Insufficient	527	1	147	3	14	44	1	4	1	2	744
Headlamps Defective	72	—	23	—	5	19	—	—	1	41	161
Other Lamps or Reflectors Defective	240	8	126	10	17	4	2	2	6	55	470
Engine Controls Defective	447	1	118	2	9	12	3	—	3	7	602
Wheels or Suspension Defective	164	6	75	11	35	16	—	2	7	4	330
Vision Obscured	152	—	46	—	1	1	—	2	—	7	209
Trailer Hitch Defective	—	33	—	62	45	—	—	—	—	—	140
Other Defects	1,171	25	436	31	112	58	13	5	40	121	2,012
Not Known	5,302	13	1,155	12	147	149	42	11	13,214	294	20,339
Total	262,305	596	46,951	797	5,060	5,728	2,773	918	14,273	5,571	344,972

TYPE OF VEHICLE INVOLVED IN ALL ACCIDENTS 1981-1982

CLASS OF DRIVER LICENCE REQUIRED		TYPE OF VEHICLE	1981				1982			
			FATAL	PERSONAL INJURY	PROPERTY DAMAGE	TOTAL	FATAL	PERSONAL INJURY	PROPERTY DAMAGE	TOTAL
PASSENGER VEHICLES	G	Passenger car/station wagon	1,234	90,543	183,365	275,142	965	83,484	174,457	258,906
	G	Taxi/limousine	4	232	416	652	2	169	350	521
	G	Hearse	—	—	3	3	—	1	11	12
	G	Dune buggy	—	16	11	27	2	8	4	14
	F	Ambulance	—	36	78	114	2	29	57	88
	G	Fire department vehicle	2	11	26	39	—	11	40	51
	G	Police force vehicle	2	232	254	488	2	156	188	346
	G	Public utility emergency vehicle	—	—	5	5	—	1	—	1
	G	Passenger van	7	903	1,821	2,731	25	683	1,535	2,243
	G	Other passenger vehicle	2	99	208	309	—	39	84	123
PASSENGER VEHICLES AND TRAILERS	G	P.V. and house trailer	—	27	61	88	—	15	42	57
	G	P.V. and boat trailer	1	30	98	129	1	24	77	102
	G	P.V. and tent trailer	—	24	40	64	1	17	41	59
	G	P.V. and utility trailer	—	46	82	128	2	41	79	122
	G	P.V. and other trailer	2	85	235	322	2	59	174	235
	G	Other p.v. and trailer	4	14	16	34	1	4	16	21
TRUCKS	D	Truck with concrete mixer	1	26	53	80	1	21	57	79
	D	Truck with stake or platform body	17	379	974	1,370	16	251	701	968
	D	Truck with tank body	4	81	208	293	1	54	159	214
	D	Truck with dump body	19	452	1,096	1,567	14	375	1,087	1,476
	G	Tow truck	—	102	277	379	2	110	232	344
	D	Tractor not pulling a trailer	5	71	156	232	—	52	90	142
	G	Pick-up truck	196	8,197	18,506	26,899	145	7,637	18,348	26,130
	G	Delivery van	115	4,280	10,324	14,719	57	4,377	10,265	14,699
	G	Pick-up camper	—	10	30	40	—	6	27	33
	D	Fire truck	—	2	16	18	2	7	16	25
	D	Other truck	7	499	1,380	1,886	7	387	1,277	1,671
	G	Other truck	2	410	982	1,394	3	303	802	1,108
	D	Tow truck	1	29	50	80	—	20	42	62
TRUCK AND TRAILER	G	Pick-up and recreation trailer	1	2	18	21	—	5	22	27
	G	Pick-up and recreation semi-trailer	2	9	26	37	—	3	23	26
	G	Pick-up and other semi-trailer	6	88	297	391	3	108	289	400
	D	Truck/trailer-dump	—	11	27	38	1	12	32	45
	D	Truck/trailer-frame	—	3	9	12	—	2	7	9
	D	Truck/trailer-tank	1	1	12	14	—	—	9	9
	D	Truck/trailer-stake or platform body	5	13	35	53	1	15	37	53
	D	Truck/trailer-van	1	11	23	35	—	3	15	18
	D	Truck and pole trailer	—	—	1	1	—	1	3	4
	G	Tow truck hauling a disabled vehicle	—	12	40	52	2	19	51	72
	D	Other truck/trailer	—	7	21	29	—	7	15	22

	G	Other truck/trailer	—	10	19	29	1	10	24	35
	A	Other truck/trailer	1	10	23	34	—	5	30	35
	D	Tow truck hauling a disabled vehicle	—	16	23	39	—	14	28	42
TRACTOR AND SEMI-TRAILERS	A	Tractor/semi-trailer-dump	5	73	106	184	5	56	94	155
	A	Tractor/semi-trailer-frame	—	9	18	27	—	2	22	24
	A	Tractor/semi-trailer-tank	5	50	124	179	4	44	97	145
	A	Tractor/semi-trailer-stake or platform	3	118	227	348	4	84	236	324
	A	Tractor/semi-trailer-van	24	345	932	1,301	13	304	778	1,095
	A	Tractor/semi-trailer-concrete mixer	—	—	6	6	—	2	5	7
	A	Tractor/semi-trailer float	25	56	167	248	15	51	138	204
	A	Tractor/semi-trailer-car transport	—	5	9	14	—	4	7	11
	A	Tractor/semi-trailer-other	49	1,004	2,417	3,470	48	796	2,020	2,864
	A	Tractor/semi-trailer and pup-dump	1	2	12	15	1	8	16	25
	A	Tractor/semi-trailer and pup-frame	—	2	1	3	—	2	3	5
	A	Tractor/semi-trailer and pup-tank	—	6	13	19	1	7	18	26
	A	Tractor/semi-trailer and pup-stake or platform	2	3	11	16	1	8	11	20
	A	Tractor/semi-trailer and pup-van	1	4	11	16	—	7	18	25
	A	Tractor/semi-trailer and pup-other	4	13	35	52	—	15	51	66
	A	Tractor/semi-trailer and semi-trailer-tank	1	1	7	9	1	3	4	8
	A	Tractor semi-trailer/semi-trailer stake or platform	1	2	4	7	—	—	6	6
	A	Tractor/semi-trailer and semi-trailer-van	2	3	6	11	—	2	5	7
	A	Tractor/semi-trailer and semi-trailer-other	3	15	32	50	1	14	28	43
BUS	C	Transit - intercity	—	97	241	338	—	88	192	280
	C	Transit - urban	13	793	1,317	2,123	13	841	1,500	2,354
	F	Coach - intercity	—	18	47	65	—	23	47	70
	F	Coach - urban	1	24	47	72	1	19	49	69
SCHOOL VEHICLES	E	School bus or school van-seating capacity 10-23	1	42	61	104	1	36	86	123
	B	School bus — seating capacity 24 or over	3	202	510	715	6	199	527	732
	G	School van — seating capacity under 10	—	7	4	11	—	5	9	14
	G	Station wagon	—	1	7	8	—	1	—	1
	C	Other bus	—	38	79	117	1	19	28	48
OTHER MOTOR VEHICLES	G	Motor home	2	35	107	144	3	33	109	145
	M	Motorcycle	107	4,577	508	5,192	135	4,989	604	5,728
	G	Moped	—	61	3	64	1	62	3	66
	G	Snowmobile	4	82	43	129	6	109	63	178
NON-MOTOR VEHICLES		Farm tractor	3	84	145	232	6	93	198	297
		Tractor or construction equipment	2	53	167	222	1	57	250	308
		Train	21	99	129	249	17	81	104	202
		Street car	1	117	318	436	1	112	355	468
		Bicycle	47	3,527	77	3,651	48	3,914	79	4,041
		Snow Plow	—	2	13	15	—	7	25	32
		Go-cart	—	2	—	2	1	—	—	1
		Horse and buggy	1	6	4	11	1	5	8	14
		Other	1	6	34	41	—	8	22	30
		Unknown	6	2,491	11,713	14,210	14	2,412	11,636	14,062
		Total	1,981	121,104	241,057	364,142	1,611	113,067	230,294	344,972

Motor Vehicle Accidents by Place of Occurrence
1973 — 1982

FATAL ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1973	404	132	606	483	1,625
1974	385	118	565	402	1,470
1975	487	143	537	353	1,520
1976	366	89	467	343	1,265
1977	389	70	415	339	1,213
1978	433	95	418	317	1,263
1979	457	99	434	32b	1,316
1980	460	92	444	300	1,296
1981	422	91	432	289	1,234
1982	326	72	310	289	997

PERSONAL INJURY ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1973	37,067	3,780	10,351	14,137	65,335
1974	33,573	3,780	10,097	18,902	66,352
1975	32,923	3,955	10,085	18,848	65,811
1976	29,243	3,037	8,412	17,336	58,028
1977	34,540	3,652	9,364	16,231	63,787
1978	41,207	4,071	8,779	8,607	62,664
1979	44,078	4,353	9,246	9,524	67,201
1980	44,397	4,159	8,853	9,982	67,391
1981	43,731	4,604	8,648	10,309	67,292
1982	40,826	4,987	7,731	9,638	63,998

ALL MOTOR VEHICLE ACCIDENTS					
Year	Urban Areas	Controlled Access Highways	Other Kings Highways*	Other	Total
1973	114,170	11,333	28,882	40,636	195,021
1974	108,552	11,562	27,495	56,662	204,271
1975	112,358	12,693	28,465	60,173	213,689
1976	113,199	11,165	26,038	61,473	211,875
1977	127,784	12,470	26,570	51,763	218,587
1978	128,595	11,983	22,339	23,486	186,403**
1979	135,980	13,114	23,082	25,020	197,196
1980	136,533	12,452	22,216	26,300	196,501
1981	135,325	13,784	21,801	27,462	198,372
1982	126,668	13,432	19,764	27,869	187,843

*Includes Secondary Highways.

**Minimum reportable property damage amount changed from over $200 to over $400 on January 1, 1978.

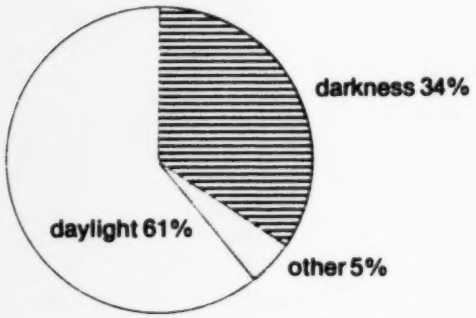
Type of Accidents — 1981 - 1982

ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1982			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle/s	402	36,767	95,262	132,431
Pedestrian	162	5,430	4	5,596
Cyclist	42	3,730	60	3,832
Railway Train	17	78	102	197
Street Car	1	95	316	412
Farm Tractor	3	70	173	246
Animal	—	267	1,862	2,129
Other Moveable Object	11	72	233	316
Restraining Barrier	28	1,426	4,266	5,720
Rigid Pole	42	1,906	3,417	5,365
Breakaway Pole	7	462	1,065	1,534
Tree	38	1,146	1,463	2,647
Post	23	676	1,798	2,497
Fence	3	389	1,046	1,438
Culvert	22	409	270	701
Bridge Support	11	192	271	474
Rock Face	10	349	441	800
Snow Bank or Drift	7	532	1,026	1,565
Ditch	77	3,867	3,911	7,855
Curb	20	912	1,380	2,312
Crash Cushion	—	28	68	96
Building or Wall	2	203	446	651
Other Fixed Object	23	1,018	1,994	3,035
Fire/Explosion	1	24	630	655
Submersion	2	7	11	20
Rollover	33	1,586	1,059	2,678
Other Non-Collision Event	10	1,315	1,418	2,743
Total	987	62,966	123,990	187,943

ACCIDENT INVOLVING MOTOR VEHICLE AND	CLASS OF ACCIDENTS — 1981			
	FATAL	PERSONAL INJURY	PROPERTY DAMAGE ONLY	TOTAL
Other Motor Vehicle/s	524	39,693	99,222	139,439
Pedestrian	220	5,681	3	5,904
Cyclist	43	3,351	57	3,451
Railway Train	21	95	122	238
Street Car	1	95	290	386
Farm Tractor	3	68	113	184
Animal	3	275	1,831	2,109
Other Moveable Object	5	114	195	314
Restraining Barrier	35	1,432	4,428	5,895
Rigid Pole	41	2,205	3,980	6,226
Breakaway Pole	9	538	1,228	1,775
Tree	56	1,436	1,794	3,286
Post	27	749	1,955	2,731
Fence	13	456	1,292	1,761
Culvert	17	473	367	857
Bridge Support	5	200	276	481
Rock Face	17	483	557	1,057
Snow Bank or Drift	5	202	420	627
Ditch	79	4,179	4,074	8,332
Curb	24	1,049	1,514	2,587
Crash Cushion	—	37	85	122
Building or Wall	1	212	521	734
Other Fixed Object	31	1,048	2,174	3,253
Fire/Explosion	—	28	600	628
Submersion	1	7	9	17
Rollover	45	1,798	1,162	3,005
Other Non-Collision Event	8	1,417	1,577	3,002

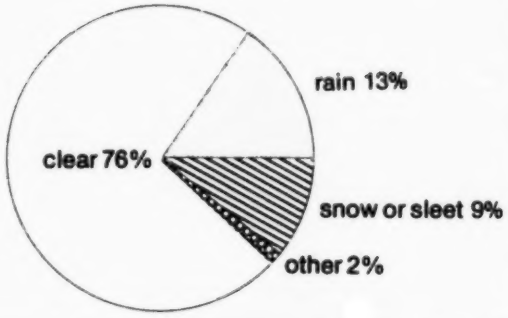
All Accidents — 1982 — Light Condition, Visibility and Road Location

Light Condition



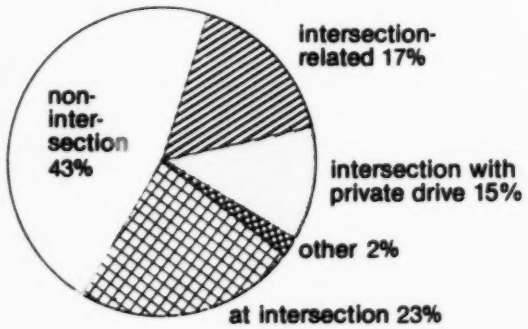
Light Condition	Total	Fatal	Personal Injury	Property Damage
Daylight	115,603	415	38,349	76,839
Dawn	2,264	13	713	1,538
Dusk	6,582	32	2,209	4,341
Darkness	63,494	537	21,685	41,272
Total	187,943	997	62,956	123,990

Visibility



Visibility	Total	Fatal	Personal Injury	Property Damage
Clear	142,349	811	48,704	92,834
Rain	25,196	105	8,628	16,463
Snow or Sleet	17,528	52	4,535	12,941
Fog, Mist, Smoke, or Dust	2,870	29	1,089	1,752
Total	187,943	997	62,956	123,990

Road Location



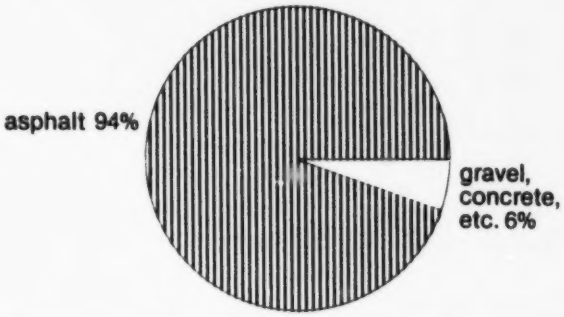
Road Location	Total	Fatal	Personal Injury	Property Damage
Non-Intersection	80,006	640	26,695	52,671
Intersection-Related	32,233	55	11,015	21,163
At Intersection	44,058	166	16,472	27,420
Intersection with Private Drive	28,470	88	7,657	20,725
At Railroad Crossing	665	20	250	395
Underpass or Tunnel	356	5	124	227
Overpass or Bridge	1,894	19	659	1,216
Other	261	4	84	173
Total	187,943	997	62,956	123,990

All Accidents — 1982 — Road Condition, Road Type and Road Surface Condition

Road Condition

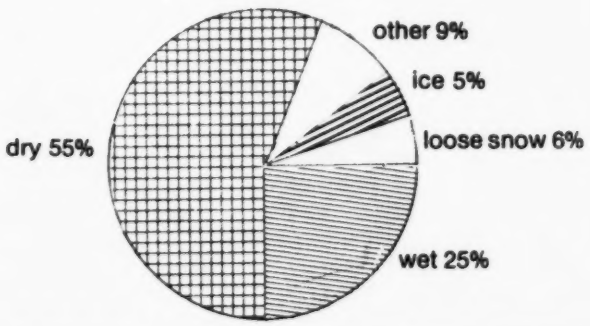
Road Condition	Total	Fatal	Personal Injury	Property Damage
Good	**183,251**	977	61,473	120,801
Under Repair	**915**	3	315	597
Under Const.	**1,627**	9	558	1,060
Other	**2,150**	8	610	1,532
Total	**187,943**	**997**	**62,956**	**123,990**

Road Type



Road Type	Total	Fatal	Personal Injury	Property Damage
Asphalt	**176,355**	911	59,002	116,442
Gravel or Crushed Stone	**7,319**	70	2,529	4,720
Concrete	**3,493**	11	1,161	2,321
Earth	**484**	1	170	313
Other	**292**	4	94	194
Total	**187,943**	**997**	**62,956**	**123,990**

Road Surface Condition



Road Surface Condition	Total	Fatal	Personal Injury	Property Damage
Dry	**102,685**	700	38,148	63,837
Wet	**47,713**	191	15,826	31,696
Loose Snow	**11,300**	30	2,588	8,682
Slush	**6,418**	15	1,627	4,776
Packed Snow	**8,801**	21	1,888	6,892
Ice	**9,791**	32	2,397	7,362
Mud	**106**	—	33	73
Loose Sand or Gravel	**1,129**	8	449	672
Total	**187,943**	**997**	**62,956**	**123,990**

Statistics Relating to Motor Vehicle Accidents By Counties, Districts, Regional Municipalities, Ontario Cities, Towns and Villages — 1982

Motor Vehicle Accidents by Counties, Districts and Regional Municipalities — 1982

County, District or Regional Municipality	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	3,728	17	1,116	2,595	20	1,672
Brant	2,177	23	684	1,470	25	1,035
Bruce	1,133	12	416	705	13	660
Cochrane	2,091	19	660	1,412	24	989
Dufferin	675	13	224	438	18	379
Dundas	301	7	87	207	7	159
Durham	5,817	40	2,165	3,612	47	3,245
Elgin	1,034	13	364	657	15	589
Essex	6,172	34	2,385	3,753	38	3,521
Frontenac	2,269	10	760	1,499	11	1,127
Glengarry	496	7	182	307	8	270
Grenville	470	6	156	308	7	236
Grey	1,351	13	446	892	16	682
Haldimand-Norfolk	1,641	22	630	989	25	941
Haliburton	379	3	156	220	3	260
Halton	5,405	23	1,857	3,525	26	2,773
Hamilton-Wentworth	8,717	39	3,332	5,346	45	4,869
Hastings	2,243	18	731	1,494	25	1,065
Huron	975	14	311	650	17	535
Kenora	1,205	9	357	839	11	546
Kent	2,076	15	755	1,306	17	1,080
Lambton	2,781	19	951	1,811	20	1,380
Lanark	951	6	318	627	6	499
Leeds	1,043	6	362	675	8	533
Lennox & Addington	596	5	239	352	6	370
Manitoulin	251	3	89	159	3	157
Middlesex	6,707	40	2,442	4,225	50	3,576
Muskoka	1,082	7	370	705	8	557
Niagara	7,735	47	2,626	5,062	48	3,857
Nipissing	1,579	14	546	1,019	19	868
Northumberland	1,262	17	487	758	17	827
Ottawa-Carleton	13,418	35	3,654	9,730	41	5,105
Oxford	1,783	15	623	1,145	16	940
Parry Sound	931	13	305	613	14	536
Peel	10,032	49	3,325	6,658	54	5,116
Perth	1,244	10	401	833	13	591
Peterborough	2,291	13	764	1,514	16	1,173
Prescott	545	4	192	349	4	270
Prince Edward	380	7	139	234	7	208
Rainy River	577	5	131	441	6	190
Renfrew	1,562	27	563	972	30	864
Russell	350	2	113	235	2	154
Simcoe	4,941	39	1,668	3,234	49	2,652
Stormont	1,421	10	526	885	12	769
Sudbury	3,594	23	1,258	2,313	24	1,945
Thunder Bay	4,237	18	1,180	3,039	20	1,819
Timiskaming	918	15	273	630	20	457
Victoria	951	13	365	573	18	542
Waterloo	6,392	27	1,963	4,402	29	2,768
Wellington	2,601	20	950	1,631	24	1,526
*York	55,432	131	18,359	36,942	137	25,933
Total	**187,943**	**997**	**62,956**	**123,990**	**1,138**	**92,815**

*Includes Metropolitan Toronto

Motor Vehicle Accidents in Ontario Cities, Towns and Villages — 1982

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ailsa Craig	4	—	1	3	—	3
Ajax	310	1	106	203	1	154
Alexandria	106	—	31	75	—	38
Alfred	6	—	2	4	—	3
Alliston	101	—	26	75	—	36
Almonte	34	—	9	25	—	12
Alvinston	2	—	2	—	—	2
Amherstburg	66	1	17	48	1	24
Ancaster	162	—	51	111	—	89
Angus	10	—	2	8	—	3
Arkona	1	—	—	1	—	—
Arnprior	64	1	16	47	1	20
Arthur	19	—	4	15	—	5
Athens	14	—	3	11	—	5
Atikokan	13	—	1	12	—	1
Aurora	282	—	106	176	—	134
Aylmer	63	—	13	50	—	16
Ayton	4	—	2	2	—	5
Balmertown	7	—	2	5	—	2
Bancroft	46	—	17	29	—	19
Barrie	877	—	218	659	—	322
Barrys Bay	16	—	2	14	—	3
Bath	5	—	—	5	—	—
Bayfield	2	—	—	2	—	—
Beeton	14	—	4	10	—	4
Belle River	30	—	7	23	—	7
Belleville	786	1	225	560	2	289
Belmont	3	—	1	2	—	1
Bicroft	1	—	—	1	—	—
Blenheim	42	—	10	32	—	11
Blind River	63	—	14	49	—	24
Bloomfield	4	—	—	4	—	—
Blyth	2	—	1	1	—	1
Bobcaygeon	16	—	3	13	—	3
Bothwell	6	—	1	5	—	1
Bracebridge	80	—	25	55	—	31
Bradford	116	—	32	84	—	49
Braeside	3	—	2	1	—	2
Brampton	2,336	9	767	1,560	10	1,203
Brantford	1,385	3	403	979	3	567
Brighton	41	—	15	26	—	20
Brockville	362	—	118	244	—	147
Bruce Mines	4	—	2	2	—	2
Brussels	12	—	1	11	—	1
Burford	2	—	1	1	—	1
Burk's Falls	8	—	2	6	—	2
Burlington	1,663	8	563	1,092	9	791
Cache Bay	4	—	—	4	—	—
Caledon	566	5	219	342	5	340
Cambridge	1,381	4	431	946	4	588
Campbellford	43	—	11	32	—	15

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Capreol	30	—	10	20	—	19
Cardinal	15	—	4	11	—	7
Carleton Place	111	—	31	80	—	48
Casselman	20	—	1	19	—	1
Chalk River	4	—	3	1	—	3
Chatham	881	1	262	618	1	352
Chesley	11	—	3	8	—	4
Chesterville	23	—	3	20	—	3
Clarksburg	2	—	1	1	—	2
Clifford	6	—	—	6	—	—
Clinton	57	1	7	49	1	8
Cobalt	29	—	8	21	—	15
Cobden	3	—	1	2	—	2
Cobourg	175	1	58	116	1	82
Cochrane	80	2	23	55	2	28
Colborne	15	—	5	10	—	9
Coldwater	7	—	1	6	—	1
Collingwood	207	2	65	140	2	103
Cookstown	15	—	—	15	—	—
Cornwall	1,118	5	400	713	5	583
Creemore	11	—	5	6	—	7
Deep River	21	—	9	12	—	9
Deseronto	11	—	1	10	—	2
Dorchester	1	—	—	1	—	—
Drayton	9	—	2	7	—	2
Dresden	35	—	6	29	—	9
Dryden	141	—	27	114	—	36
Dundalk	15	—	4	11	—	4
Dundas	281	—	91	190	—	123
Dunnville	157	2	52	103	3	74
Durham	54	—	15	39	—	19
Dutton	7	—	1	6	—	1
Ear Falls	2	—	1	1	—	1
East Gwillimbury	38	3	10	25	4	25
Eganville	15	—	6	9	—	6
Elliot Lake	334	1	73	260	1	97
Elmvale	8	—	—	8	—	—
Elora	20	—	6	14	—	8
Embrun	4	—	1	3	—	1
Englehart	16	—	3	13	—	3
Erieau	5	—	2	3	—	2
Erie Beach	1	—	—	1	—	—
Erin	21	—	4	17	—	4
Espanola	65	—	7	58	—	9
Essex	79	—	21	58	—	25
Everett	2	—	1	1	—	1
Exeter	71	—	18	53	—	24
Fenelon Falls	21	—	8	13	—	9
Fergus	87	—	21	66	—	33
Flesherton	13	1	3	9	2	5
Fordwich	1	—	1	—	—	1

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Forest	30	—	13	17	—	17
Fort Erie	395	7	140	248	8	209
Fort Frances	196	1	41	154	1	55
Frankford	15	—	3	12	—	3
Gananoque	63	1	16	46	1	27
Geraldton	31	—	6	25	—	6
Glencoe	13	—	2	11	—	2
Gloucester	652	3	218	431	5	328
Goderich	130	—	33	97	—	44
Gore Bay	2	—	—	2	—	—
Grand Bend	26	—	9	17	—	15
Grand Valley	3	—	2	1	—	4
Gravenhurst	78	—	30	48	—	44
Grimsby	214	—	70	144	—	100
Guelph	1,134	4	399	731	5	566
Haldimand	72	2	32	38	2	56
Haileybury	46	—	9	37	—	16
Halton Hills	644	1	188	455	1	271
Hamilton	6,160	17	2,373	3,770	18	3,318
Hanover	93	—	29	64	—	40
Harriston	4	—	1	3	—	1
Harrow	25	—	6	19	—	6
Hastings	1	—	—	1	—	—
Havelock	17	—	5	12	—	9
Hawkesbury	167	—	47	120	—	62
Hearst	63	—	16	47	—	18
Hensall	6	—	1	5	—	1
Highgate	1	—	—	1	—	—
Hilton Beach	2	—	—	2	—	—
Holstein	1	—	—	1	—	—
Huntsville	80	—	24	56	—	34
Ingersoll	138	—	48	90	—	59
Iron Bridge	1	—	—	1	—	—
Iroquois	6	—	—	6	—	—
Iroquois Falls	60	1	14	45	1	19
Kanata	166	—	50	116	—	72
Kapuskasing	179	1	41	137	1	59
Keewatin	22	—	8	14	—	10
Kemptville	26	—	5	21	—	6
Kenora	184	—	55	129	—	67
Killaloe Station	1	—	—	1	—	—
Kincardine	67	1	14	52	1	18
Kingston	1,204	1	349	854	1	481
Kingsville	42	—	12	30	—	16
Kirkland Lake	188	—	37	151	—	47
Kitchener	2,554	7	734	1,813	8	1,020
Lakefield	30	1	16	13	1	27
Lanark	5	—	1	4	—	1
Lancaster	11	—	6	5	—	8
Latchford	1	—	—	1	—	—
Leamington	232	—	55	177	—	80

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Lincoln	197	2	76	119	2	114
Lindsay	234	—	83	151	—	110
Lions Head	2	—	2	—	—	2
Listowel	87	—	26	61	—	41
Little Current	12	—	1	11	—	1
London	5,135	12	1,820	3,303	12	2,562
L'Orignal	14	—	6	8	—	6
Lucan	12	—	2	10	—	2
Lucknow	8	—	1	7	—	1
Madoc	15	—	3	12	—	4
Markdale	20	—	7	13	—	11
Markham	781	3	234	544	4	352
Marmora	12	—	2	10	—	3
Massey	10	—	4	6	—	6
Mattawa	11	—	3	8	—	7
Maxville	5	—	—	5	—	—
Meaford	47	—	13	34	—	13
Merlin	4	—	—	4	—	—
Merrickville	10	—	1	9	—	2
Midland	185	1	68	116	1	96
Mildmay	6	—	—	6	—	—
Millbrook	5	—	1	4	—	1
Milton	587	4	196	387	4	288
Milverton	11	—	2	9	—	2
Mississauga	5,095	17	1,616	3,462	18	2,346
Mitchell	60	—	21	39	—	27
Moorefield	1	—	—	1	—	—
Morrisburg	19	—	4	15	—	9
Mount Brydges	3	—	2	1	—	2
Mount Forest	46	—	8	38	—	15
Nanticoke	231	1	85	145	1	134
Napanee	103	—	34	69	—	51
Nepean	1,090	5	314	771	5	462
Neustadt	2	—	1	1	—	1
Newboro	1	—	1	—	—	1
Newburgh	1	—	1	—	—	1
Newbury	3	—	—	3	—	—
Newcastle	408	6	165	237	7	256
New Liskeard	87	—	23	64	—	27
Newmarket	335	1	110	224	1	148
Niagara-on-the-Lake	190	2	66	122	2	101
Niagara Falls	1,477	6	535	936	6	800
Nickel Centre	84	5	30	49	5	45
North Bay	688	3	226	459	3	315
Norwood	7	—	2	5	—	3
Oakville	1,146	3	384	759	4	561
Oil Springs	4	—	1	3	—	1
Omemee	9	—	2	7	—	2
Onaping Falls	24	—	7	17	—	13
Orangeville	231	—	66	165	—	94
Orillia	379	—	119	260	—	160

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Oshawa	2,166	7	787	1,372	7	1,126
Ottawa	8,480	10	2,189	6,281	11	2,894
Owen Sound	218	1	66	151	1	86
Paisley	1	—	—	1	—	—
Palmerston	24	—	3	21	—	3
Paris	90	—	27	63	—	40
Parkhill	10	—	3	7	—	3
Parry Sound	67	1	23	43	1	31
Pelham	125	1	47	77	1	67
Pembroke	229	1	80	148	1	108
Penetanguishene	79	—	19	60	—	25
Perth	120	—	42	78	—	65
Petawawa	27	1	6	20	1	8
Peterborough	1,293	1	408	884	1	592
Petrolia	59	—	11	48	—	16
Pickering	503	3	199	301	4	290
Picton	75	—	25	50	—	38
Plantagenet	10	—	4	6	—	5
Point Edward	56	—	22	34	—	29
Port Burwell	9	1	2	6	1	3
Port Colborne	275	1	93	181	1	133
Port Elgin	113	1	35	77	1	51
Port Hope	74	—	33	41	—	50
Port McNicoll	11	—	2	9	—	2
Port Stanley	23	—	12	11	—	18
Powassan	5	—	—	5	—	—
Prescott	82	—	15	67	—	18
Rainy River	12	—	1	11	—	2
Rayside-Balfour	98	—	40	58	—	47
Renfrew	124	—	36	88	—	56
Richmond Hill	431	4	138	289	4	210
Ridgetown	27	—	9	18	—	11
Ripley	1	—	—	1	—	—
Rockliffe Park	15	—	3	12	—	5
Rockland	43	—	10	33	—	15
Rockwood	1	—	—	1	—	—
Rodney	9	—	3	6	—	4
Russell	1	—	—	1	—	—
St. Catharines	2,244	8	754	1,482	8	1,049
St. Clair Beach	7	—	5	2	—	5
St. Isidore de Prescott	7	—	2	5	—	2
St. Marys	61	—	15	46	—	19
St. Thomas	359	—	109	250	—	156
Sarnia	1,346	3	430	913	3	608
Sault Ste. Marie	2,198	6	611	1,581	6	907
Seaforth	37	—	7	30	—	9
Shedden	1	—	1	—	—	1
Shelburne	31	—	6	25	—	7
Simcoe	287	—	95	192	—	130
Sioux Lookout	38	—	8	30	—	10
Smiths Falls	175	—	33	142	—	48

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Smooth Rock Falls	18	—	2	16	—	2
Southampton	43	—	13	30	—	18
South River	7	—	2	5	—	4
Springfield	5	—	2	3	—	4
Stayner	23	—	6	7	—	11
Stirling	14	—	—	14	—	—
Stoney Creek	506	3	212	291	4	325
Stoney Point	1	—	1	—	—	1
Stratford	450	2	118	330	2	161
Strathroy	109	—	38	71	—	43
Sturgeon Falls	108	1	25	82	1	47
Sudbury	2,009	4	690	1,315	4	1,033
Sundridge	12	—	2	10	—	2
Tara	4	—	—	4	—	—
Tecumseh	97	—	39	58	—	53
Teeswater	6	—	2	4	—	2
Thamesville	12	—	2	10	—	2
Thedford	9	—	3	6	—	3
Thessalon	14	—	2	12	—	3
Thornbury	8	—	2	6	—	4
Thorold	185	3	57	125	3	102
Thunder Bay	2,750	4	696	2,050	4	995
Tilbury	48	1	16	31	1	20
Tillsonburg	189	—	59	130	—	88
Timmins	896	7	251	638	9	369
Tiverton	5	—	—	5	—	—
Toronto	44,651	72	14,694	29,885	74	20,351
Tottenham	13	—	3	10	—	4
Trenton	315	—	92	223	—	122
Trout Creek	3	—	—	3	—	—
Tweed	31	—	6	25	—	7
Valley East	166	2	73	91	2	111
Vanier	530	—	119	411	—	170
Vankleek Hill	17	—	3	14	—	3
Vaughan	574	7	187	380	11	285
Victoria Harbour	8	—	—	8	—	—
Vienna	1	—	—	1	—	—
Walden	61	2	25	34	2	43
Walkerton	63	—	18	45	—	24
Wallaceburg	197	1	58	138	1	70
Warkworth	6	—	1	5	—	2
Wasaga Beach	103	—	38	65	—	65
Waterloo	1,050	3	296	751	3	389
Watford	20	—	5	15	—	8
Webbwood	2	—	—	2	—	—
Welland	976	5	278	693	5	382
Wellington	17	—	6	17	—	8
West Lorne	5	—	1	4	—	4
Westport	8	—	—	8	—	—
Wheatley	14	—	5	9	—	8
Whitby	671	4	262	405	6	375

Place	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Whitchurch-Stouffville	141	1	42	98	1	63
Wiarton	21	1	6	14	1	11
Williamsburg	1	—	—	1	—	—
Winchester	9	—	1	8	—	1
Winchester Springs	10	—	2	8	—	2
Windsor	4,105	8	1,531	2,566	8	2,233
Wingham	54	—	6	48	—	6
Woodstock	554	1	175	378	2	242
Woodville	3	—	1	2	—	1
Wyoming	15	—	5	10	—	5
Zurich	3	—	—	3	—	—
Total	**133,880**	**353**	**42,954**	**90,569**	**371**	**60,536**

Summary of Motor Vehicle Traffic Accident Statistics
Number of Accidents

Ontario 1982

	Total	Fatal	Personal Injury	Property Damage Only
Accident Involves*				
Single Motor Vehicle	42,784	359	16,447	25,978
or				
Motor Vehicle And				
Other Motor Vehicle/s	132,431	402	36,767	95,262
Pedestrian	5,596	162	5,430	4
Cyclist	3,832	42	3,730	60
Railroad Train	197	17	78	102
Street Car	412	1	95	316
Farm Tractor	246	3	70	173
Animal	2,129	—	267	1,862
Other	316	11	72	233
Total	**187,943**	**997**	**62,956**	**123,990**
Month of Occurrence				
January	21,072	54	5,285	15,733
February	17,713	33	4,389	13,291
March	14,884	64	4,368	10,452
April	12,452	61	4,306	8,085
May	13,143	83	5,140	7,920
June	15,264	91	5,887	9,286
July	14,656	121	6,147	8,388
August	14,483	113	5,797	8,573
September	14,760	106	5,560	9,094
October	15,028	105	5,408	9,515
November	16,969	86	5,548	11,335
December	17,519	80	5,121	12,318
Total	**187,943**	**997**	**62,956**	**123,990**
Day of Occurrence				
Sunday	22,786	158	8,055	14,573
Monday	22,946	89	7,459	15,398
Tuesday	24,220	105	7,978	16,137
Wednesday	24,339	113	7,940	16,286
Thursday	27,877	132	9,244	18,501
Friday	34,839	182	11,597	23,060
Saturday	30,936	218	10,683	20,035
Total	**187,943**	**997**	**62,956**	**123,990**
Hour of Occurrence				
12 to 1 A.M.	5,145	48	1,832	3,265
1 to 2 "	7,316	78	2,864	4,374
2 to 3 "	4,357	41	1,657	2,659
3 to 4 "	2,401	30	855	1,516
4 to 5 "	1,612	17	616	979
5 to 6 "	1,316	13	504	799
6 to 7 "	2,878	15	963	1,900
7 to 8 "	6,331	31	1,898	4,402
8 to 9 "	9,470	33	2,853	6,584
9 to 10 "	6,683	23	1,893	4,767
10 to 11 "	7,398	21	2,214	5,163
11 to 12 "	8,574	18	2,634	5,922
12 to 1 P.M.	9,933	28	3,241	6,664
1 to 2 "	10,047	33	3,278	6,736
2 to 3 "	10,461	31	3,345	7,085
3 to 4 "	13,900	58	4,615	9,227
4 to 5 "	16,372	55	5,505	10,812
5 to 6 "	13,886	51	4,867	8,968
6 to 7 "	10,278	58	3,641	6,579
7 to 8 "	9,577	71	3,537	5,969
8 to 9 "	7,937	53	2,807	5,077
9 to 10 "	7,021	56	2,515	4,450
10 to 11 "	6,342	62	2,196	4,084
11 to 12 "	6,433	61	2,319	4,053
Not Known	2,275	12	307	1,956
Total	**187,943**	**997**	**62,956**	**123,990**

*Based on initial impact.

	Total	Fatal	Personal Injury	Property Damage Only
Light Conditions				
Daylight	115,603	415	38,349	76,839
Dawn	2,264	13	713	1,538
Dusk	6,582	32	2,209	4,341
Darkness	63,494	537	21,685	41,272
Total	**187,943**	**997**	**62,956**	**123,990**
Road Surface Condition				
Dry	102,685	700	38,148	63,837
Wet	47,713	191	15,826	31,696
Loose Snow	11,300	30	2,588	8,682
Slush	6,418	15	1,627	4,776
Packed Snow	8,801	21	1,888	6,892
Ice	9,791	32	2,397	7,362
Mud	106	—	33	73
Loose Sand or Gravel	1,129	8	449	672
Total	**187,943**	**997**	**62,956**	**123,990**
Road Condition				
Good	183,251	977	61,473	120,801
Under Repair	915	3	315	597
Under Construction	1,627	9	558	1,060
Other	2,150	8	610	1,532
Total	**187,943**	**997**	**62,956**	**123,990**
Road Type				
Asphalt	176,355	911	59,002	116,442
Gravel or Crushed Stone	7,319	70	2,529	4,720
Concrete	3,493	11	1,161	2,321
Earth	484	1	170	313
Other	292	4	94	194
Total	**187,943**	**997**	**62,956**	**123,990**
Visibility				
Clear	142,349	811	48,704	92,834
Rain	25,196	105	8,628	16,463
Snow or Sleet	17,528	52	4,535	12,941
Fog, Mist, Smoke or Dust	2,870	29	1,089	1,752
Total	**187,943**	**997**	**62,956**	**123,990**
Place of Occurrence				
Urban Area	126,888	326	40,820	85,742
Kings Highway (Incl. Sec. Hwy.)	33,246	382	12,298	20,566
Other	27,809	289	9,838	17,682
Total	**187,943**	**997**	**62,956**	**123,990**
Road Location				
Non-Intersection	80,006	640	26,695	52,671
Intersection-Related	32,233	55	11,015	21,163
At Intersection	44,058	166	16,472	27,420
Intersection with Private Drive	28,470	88	7,657	20,725
At Railroad Crossing	665	20	250	395
Underpass or Tunnel	356	5	124	227
Overpass or Bridge	1,894	19	659	1,216
Other	261	4	84	173
Total	**187,943**	**997**	**62,956**	**123,990**

Summary of Motor Vehicle Traffic Accident Statistics
Number of Drivers and Pedestrians

Ontario 1982

	In All Accidents	In Fatal	In Personal Injury	In Property Damage Only
Sex of Driver				
Male	228,284	1,260	77,085	149,939
Female	75,521	235	26,455	48,831
Not Known	16,668	17	2,760	13,891
Total	320,473	1,512	106,300	212,661
Age of Driver				
Under 16	351	7	155	189
16-19 Years	38,437	234	13,438	24,765
20-24 "	57,856	292	20,069	37,495
25-34 "	81,437	399	27,843	53,195
35-44 "	52,429	218	17,731	34,480
45-54 "	35,199	139	11,768	23,292
55-64 "	24,027	111	7,842	16,074
65 & Over	14,069	95	4,626	9,348
Not Known	16,668	17	2,828	13,823
Total	320,473	1,512	106,300	212,661
Licence of Driver				
Licensed	288,044	1,332	97,733	188,979
Unlicensed	5,594	82	2,408	3,104
Not Known	26,835	98	6,159	20,578
Total	320,473	1,512	106,300	212,661
Residence of Driver				
Alberta	395	6	122	267
British Columbia	261	1	90	170
Manitoba	300	5	108	187
New Brunswick	98	1	28	69
Newfoundland	72	1	16	55
Nova Scotia	118	1	36	81
Ontario	297,099	1,436	101,263	194,400
Prince Edward Island	22	—	8	14
Quebec	2,546	15	721	1,810
Saskatchewan	75	—	25	50
Yukon and Northwest Territories	14	—	6	8
United States	2,423	25	908	1,490
Other Foreign	336	2	102	232
Not Known	16,714	19	2,867	13,828
Total	320,473	1,512	106,300	212,661
Condition of Driver				
Normal	266,356	857	87,187	178,312
Had Been Drinking	17,358	198	8,275	8,885
Ability Impaired Alcohol	9,082	293	4,109	4,680
Ability Impaired Drugs	253	1	115	137
Fatigue	1,114	7	526	581
Medical or Physical Defect	523	1	264	258
Not Known	25,487	155	5,702	19,630
Other	300	—	122	178
Total	320,473	1,512	106,300	212,661
Apparent Driver Action				
Driving Properly	136,635	579	47,238	88,818
Following Too Close	15,510	11	5,880	9,619
Speed Too Fast	26,830	277	10,964	15,589
Improper Turn	11,910	17	2,993	8,900
Disobey Traffic Signal	6,092	17	2,590	3,485
Disobey Stop Sign	4,161	39	1,731	2,391
Fail To Yield Right-Of-Way	35,266	136	9,991	25,139
Improper Passing	5,065	42	1,377	3,646
Lost Control	23,765	103	8,236	15,426
Wrong Way On One-Way Road	332	1	112	219
Disobey Other Controls	186	5	81	100
Not Known	29,839	174	6,821	22,844
Other	24,882	111	8,286	16,485
Total	320,473	1,512	106,300	212,661

	Killed	Injured
Condition of Pedestrian		
Normal	89	4,831
Had Been Drinking	18	409
Ability Impaired Alcohol	38	148
Ability Impaired Drugs	—	7
Fatigue	1	3
Medical or Physical Defect	2	83
Not Known	29	426
Other	2	74
Total	179	5,981
Pedestrian Action		
Crossing Intersection With Right of Way	5	1,066
Crossing Intersection Without Right of Way	9	441
Crossing Intersection, No Traffic Control	6	118
Crossing Pedestrian Crossover	3	194
Walking on Roadway With Traffic	16	228
Walking on Roadway Against Traffic	4	129
On Sidewalk or Shoulder	10	409
Coming From Behind Parked Vehicle or Object	4	425
Playing or Working on Highway	1	115
Running into Roadway	22	1,203
Crossing Through Traffic	53	813
Other	46	840
Total	179	5,981

Summary of Motor Vehicle Traffic Accident Statistics
Number of Victims

Ontario 1982

Type of Accident		Age of Persons Killed											Age of Persons Injured										
		Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Single Motor Vehicle		392	5	9	106	81	91	33	27	20	20	—	22,839	253	844	5,723	5,561	5,111	2,279	1,353	892	657	166
Collision With Motor Vehicle And	Other Motor Veh's	496	4	12	69	94	98	55	53	46	64	1	59,517	1,072	3,029	8,282	10,528	13,959	8,763	6,088	4,328	3,051	417
	Pedestrian	167	8	13	26	12	15	12	13	18	50	—	5,759	304	1,694	736	619	677	410	333	369	507	110
	Cyclist	43	—	15	6	5	6	1	1	1	5	3	3,908	39	1,384	903	522	367	132	52	47	30	432
	Railroad Train	25	—	1	8	3	1	—	6	1	5	—	114	—	7	25	11	28	17	8	13	5	—
	Street Car	1	—	—	—	—	1	—	—	—	—	—	124	3	4	12	26	33	30	12	1	3	—
	Farm Tractor	3	—	—	—	—	1	—	1	1	—	—	100	—	4	15	17	26	12	12	7	5	2
	Animal	—	—	—	—	—	—	—	—	—	—	—	351	5	7	65	93	84	37	26	20	10	4
	Other	11	1	—	3	2	2	1	—	—	2	—	103	1	1	30	21	13	15	5	6	6	5
Total		1,138	18	50	218	197	215	102	101	87	146	4	92,815	1,677	6,974	15,791	17,398	20,298	11,695	7,889	5,683	4,274	1,136

Victim	Victims By Class and Age Group — Killed											Victims By Class and Age Group — Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Driver	487	—	1	65	88	120	61	54	46	52	—	45,409	4	15	5,802	8,722	12,673	7,896	5,016	3,328	1,889	64
Passenger	296	10	18	81	47	36	21	26	19	37	1	31,588	1,324	3,722	6,370	5,505	5,214	2,914	2,364	1,882	1,813	480
Pedestrian	179	8	12	26	12	18	15	17	20	51	—	5,981	313	1,728	756	654	722	436	364	378	515	115
Bicyclist	41	—	15	5	5	5	1	1	1	5	3	3,869	28	1,371	898	515	367	124	47	46	27	446
Motorcycle Driver*	105	—	2	29	38	31	2	2	1	—	—	4,771	—	39	1,482	1,663	1,147	281	82	37	18	12
Motorcycle Passenger	22	—	—	10	6	4	1	1	—	—	—	930	—	44	413	295	132	26	4	3	2	11
Other**	8	—	2	2	1	1	1	—	—	1	—	267	8	55	70	44	33	18	12	9	10	8
Total	1,138	18	50	218	197	215	102	101	87	146	4	92,815	1,677	6,974	15,791	17,398	20,298	11,695	7,889	5,683	4,274	1,136

	Victims By Age Group and Sex — Killed											Victims By Age Group and Sex — Injured										
	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated	Total	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65 And Over	Not Stated
Male	805	10	28	178	160	169	61	69	47	82	1	54,440	893	3,956	10,052	11,184	12,159	6,486	4,240	2,910	1,981	579
Female	333	8	22	40	37	46	41	32	40	64	3	38,181	784	3,011	5,733	6,207	8,138	5,209	3,648	2,773	2,293	385
Not Recorded	—	—	—	—	—	—	—	—	—	—	—	194	—	7	6	7	1	—	1	—	—	172
Total	1,138	18	50	218	197	215	102	101	87	146	4	92,815	1,677	6,974	15,791	17,398	20,298	11,695	7,889	5,683	4,274	1,136

Killed	Victims By Class and Sex							
	Total	Driver	Passenger	Pedestrian	Bicyclist	Motorcycle Driver*	Motorcycle Passenger	Other**
Male	805	381	159	109	31	102	15	6
Female	333	106	137	70	10	3	7	2
Total	1,138	487	296	179	41	105	22	8
Injured								
Male	54,440	30,310	12,660	3,261	2,904	4,622	471	212
Female	38,181	15,057	18,886	2,683	897	147	457	54
Not Recorded	194	42	42	37	68	2	2	1
Total	92,815	45,409	31,588	5,981	3,869	4,771	930	267

Victims by Road Jurisdiction	Killed	Injured
Municipal (Excl. Tp. Rd.)	346	57,252
Provincial Highway	459	20,641
Township	138	6,521
County or District	122	3,454
Regional Mun.	67	4,522
Other	6	425
Total	1,138	92,815

* Includes Moped Driver
** Includes Moped Passenger

Victims By Month of Occurrence					
Month	Killed	Injured	Month	Killed	Injured
Jan.	68	7,742	July	137	9,214
Feb.	37	6,406	Aug.	132	8,875
Mar.	72	6,422	Sept.	114	8,112
Apr.	68	6,338	Oct.	123	7,914
May	96	7,480	Nov.	100	8,063
June	102	8,600	Dec.	89	7,649
			Total	1,138	92,815

Summary of Motor Vehicle Traffic Accident Statistics
Number of Vehicles

Ontario 1982

	In All Accidents	In Fatal	Personal Injury	Property Damage
Type of Vehicle				
Passenger Car	262,305	998	84,581	176,726
Passenger Car & Trailer	596	7	160	429
Truck	46,951	248	13,600	33,103
Truck & Trailer	797	8	204	585
Tractor & Semi-Trailer	5,060	94	1,409	3,557
Motorcycle	5,728	135	4,989	604
Bus	2,773	14	971	1,788
School Bus/Vehicle	918	8	260	650
Other Motor Vehicle/ Unknown	14,273	18	2,507	11,748
Non Motor Vehicle	5,571	81	4,386	1,104
Total	344,972	1,611	113,067	230,294
Condition of Vehicle				
No Apparent Defect	317,428	1,391	105,857	210,180
Service Brakes Defective	1,264	13	590	661
Steering Defective	310	4	140	166
Tire Puncture or Blow Out	971	4	405	562
Tire Tread Insufficient	745	22	321	402
Headlamps Defective	161	3	102	56
Other Lamps or Reflectors Defective	470	8	147	315
Engine Controls Defective	602	4	177	421
Wheels or Suspension Defective	320	2	113	205
Vision Obscured	209	1	61	147
Trailer Hitch Defective	140	2	21	117
Other Defects	2,012	23	667	1,322
Not Known	20,340	134	4,466	15,740
Total	344,972	1,611	113,067	230,294
Model Year of Vehicle				
1983	848	3	262	583
1982	18,502	111	6,896	11,495
1981	35,505	181	11,959	23,365
1980	34,535	165	11,392	22,978
1979	35,892	166	11,444	24,282
1978	35,281	165	11,582	23,534
1977	32,078	125	10,309	21,644
1976 & Earlier	133,383	622	43,341	89,420
Not Known	18,948	73	5,882	12,993
Total	344,972	1,611	113,067	230,294

	In All Accidents	In Fatal	Personal Injury	Property Damage
Vehicle Manoeuver				
Going ahead	190,952	1,324	69,699	119,929
Slowing/Stopping	21,288	27	7,675	13,586
Overtaking	6,101	57	1,923	4,121
Turning Left	35,652	69	11,205	24,378
Turning Right	11,207	7	2,853	8,347
Making "U" Turn	1,100	4	306	790
Changing Lanes	11,107	22	2,478	8,607
Merging	1,005	2	223	780
Reversing	9,214	10	900	8,304
Stopped or Parked	46,246	51	13,851	32,344
Pulling Away From Shoulder or Curb	2,329	5	454	1,870
Pulling Onto Shoulder or Into Curb	570	2	143	425
Not Known or Other	8,201	31	1,357	6,813
Total	344,972	1,611	113,067	230,294
Insurance				
Insured	318,430	1,469	103,781	213,180
Not Insured	4,837	70	3,089	1,678
Not Known	21,705	72	6,197	15,436
Total	344,972	1,611	113,067	230,294

Amount of Property Damage

$388,811,531.00

POOR

QUALITY

ORIGINAL